

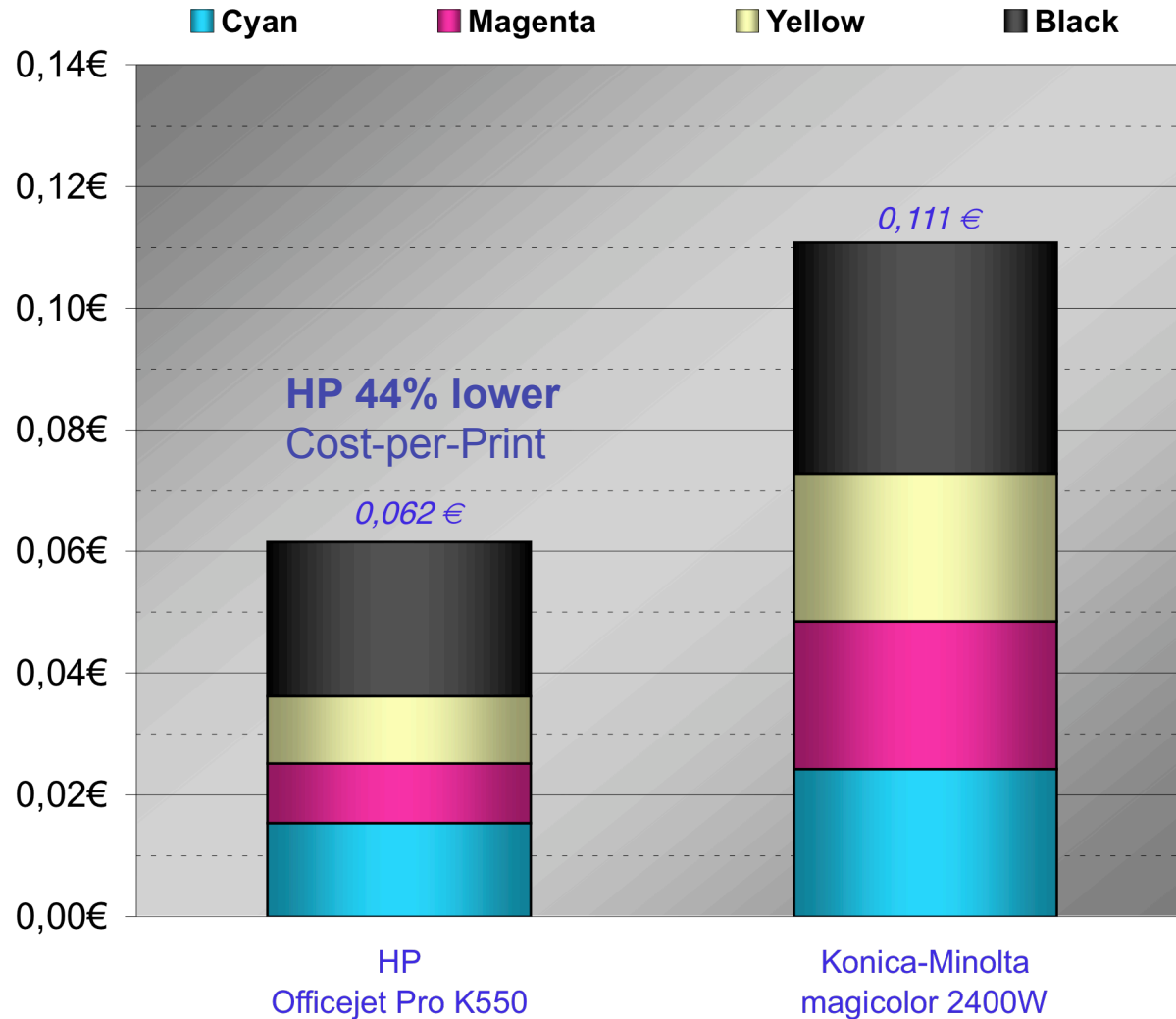
# Cost-per-Print: Euro cents –

# HP Officejet Pro K550 color inkjet vs. Konica-Minolta magicolor 2400W

**spencerLAB**  
COST-PER-PRINT TESTED



MIXED TEXT & GRAPHICS



Cost-per-Print includes Ink/Toner costs only

HP pricing provided by HP (prior to commercial release); Konica-Minolta pricing inc. VAT (Germany), as of July 2005 per Context. All testing performed using default driver settings.



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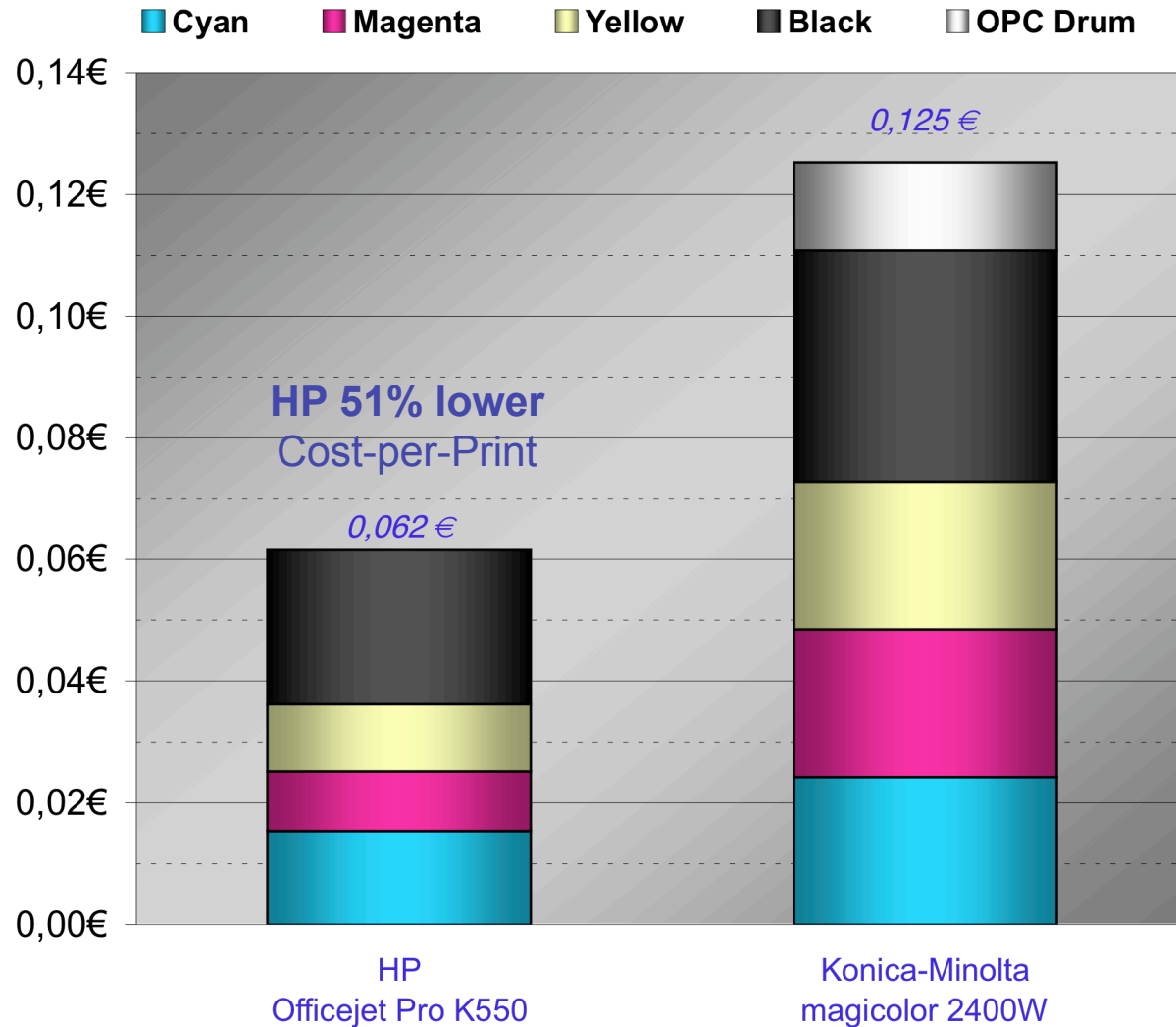
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MIXED TEXT & GRAPHICS



Cost-per-Print includes Ink/Toner and OPC Drum Cartridge costs

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# Cost-per-Print Methodology: HP Officejet Pro K550 color inkjet vs. Konica-Minolta magicolor 2400W

## ◦ Determine Ink Cartridge Yields – the average number of prints-per-cartridge for each cartridge

- Test file from the *SpencerLab* Digital Color Laboratory Printer Test Suite
  - Mixed Text & Graphics, *Color Newsletter*. Printed semi-continuously, with stops for paper replenishment, overnight, etc.
- Cartridges judged to be at "end-of-life" when an out of ink signal is displayed on printer control panel/driver
- Print Modes: default on plain paper
- Test high-capacity OEM inks/toner, where available
  - HP #88 Large Black, Cyan, Magenta and Yellow ink cartridges
  - Konica-Minolta magicolor 2400W High-Capacity Black and Cyan, Magenta and Yellow toner cartridges
- Testing is repeated over multiple cartridges to assure consistency

## ◦ Calculate ink component cost-per-print

- Divide each cartridge cost by the corresponding cartridge yield (average prints-per-cartridge)

## ◦ Calculate other user-replaceable component pro-rata costs

- Konica-Minolta magicolor 2400W contains user-replaceable OPC Drum Cartridge; therefore include drum cost in total Cost-per-Print
- The HP Officejet Pro K550 printhead is designed for the life of the printer; therefore it is not included in the total Cost-per-Print, though user-replaceable.

## ◦ Ink/Toner and OPC Drum Cartridge Prices

Component Costs		CYAN	MAGENTA	YELLOW	BLACK
HP Officejet Pro K550	Ink	€ 24.99	€ 24.99	€ 24.99	€ 34.99
Konica-Minolta magicolor 2400W	Ink	€ 145.60	€ 145.60	€ 146.20	€ 85.58
	OPC	€ 165.63			

HP pricing provided by HP (prior to commercial release); Konica-Minolta pricing inc. VAT (Germany), as of July 2005 per Context.

## ◦ Sum these component costs to obtain total Cost-per-Print for the test document

Independent testing by *SpencerLab* Digital Color Laboratory was sponsored by Hewlett-Packard Company Aug05

