

Converting Colors

YIQ(125.7530, 48.6340, 65.7700)

Have a look what the booklet for
YIQ(125.7530, 48.6340, 65.7700)
contains.

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Color

**YIQ(125.7530, 48.6340,
65.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	D546B8
RGB	213, 70, 184
RGB Percent	84%, 27%, 72%
CMY	0.1643, 0.7257, 0.2783
CMYK	0.00, 0.67, 0.14, 0.16
HSL	312°, 63%, 55%
HSV	312°, 67%, 84%
XYZ	38.3120, 21.9965, 47.5886
YIQ	125.7530, 48.6340, 65.7700

Conversions

Conversions Part 2

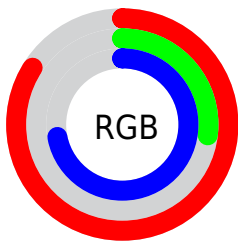
Format	Color
R _{YB}	213, 70, 184
Decimal	13977272
CIE Lab	54.02, 67.52, -31.05
CIE LCh	54, 74.320, 335.306
Yxy	21.9965, 0.3551, 0.2039
Android (android.graphics.Color)	4292167352 (0xFFD546B8)
YUV	125.7530, 28.7158, 76.5156
Hunter-Lab	46.9004, 63.7372, -27.3297

Details

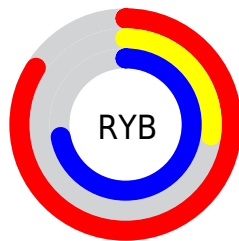
The YIQ color **125.7530, 48.6340, 65.7700** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **157.2470, -48.6340, -65.7700**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7410, 39.7400, 61.7560**, and **61.2790, 50.3290, 73.6010** is the 20% darker color. If you saturate the color by 10%, you get **112.9700, 55.6930, 75.5090**, and if you desaturate by 10%, it is **138.5360, 41.5750, 56.0310**.

Distribution



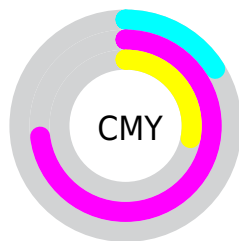
- Red (84%)
- Green (27%)
- Blue (72%)



- Red (84%)
- Yellow (27%)
- Blue (72%)



- Cyan (0%)
- Magenta (67%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.7530, 48.6340, 65.7700 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 125.7530, 48.6340, 65.7700 by changing the saturation by 10% instead.


 125.7530, 48.6340,
65.7700


 125.7530, 48.6340,
65.7700


255.0000, -0.0000,
-0.0000


 94.0460, 49.3670,
69.0070


 178.7410, 39.7400,
61.7560


 61.2790, 50.3290,
73.6010


 197.4740, 26.9500,
51.2540


 49.6440, 41.3910,
59.3670


 214.4970, 18.9750,
36.0870

 38.5360, 32.4070,
45.9670

 231.5200, 11.0000,
20.9200

 27.7270, 24.0190,
32.7790

 249.1300, 2.7500,
5.2300

 17.4450, 15.5850,
20.4250

 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 125.7530, 48.6340,
65.7700

■ 125.7530, 48.6340,
65.7700

■ 112.9700, 55.6930,
75.5090

■ 138.5360, 41.5750,
56.0310

■ 99.4860, 63.3480,
85.4600

■ 152.0200, 33.9200,
46.0800

■ 86.7030, 70.4070,
95.1990

■ 164.8030, 26.8610,
36.3410

■ 83.0670, 72.3780,
98.0260

■ 177.5860, 19.8020,
26.6020

■ 191.0700, 12.1470,
16.6510

■ 203.8530, 5.0880,
6.9120

■ 216.6360, -1.9710,
-2.8270

■ 229.5330, -9.3510,
-12.2550

■ 238.7940,
-14.7600, -18.8560

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



131.1710, -20.5490, 47.5390



125.7530, 48.6340, 65.7700



113.7300, 90.9990, 63.4070

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125.7530, 48.6340, 65.7700



119.9640, 51.2660, -37.0380



114.6000, -107.7420, -18.7660

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125.7530, 48.6340, 65.7700



157.2470, -48.6340, -65.7700

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.0050, -87.7940, -38.8820



125.7530, 48.6340, 65.7700



108.7250, 5.7420, -60.0340

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125.7530, 48.6340, 65.7700



120.5380, 88.5370, -13.1510



98.6060, -65.4620, -58.1500



116.0940, -120.2160, -1.9440

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125.7530, 48.6340, 65.7700



115.9750, 99.7140, 43.1220



98.6060, -65.4620, -58.1500



113.0210, -101.9180, -25.1980

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125.7530, 48.6340, 65.7700



223.9230, 17.2350, 23.5630



94.9730, -28.6190, 50.6210



109.0050, 10.7720, 14.0360



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.7530, 48.6340, 65.7700



128.7030, 70.4070, 95.1990



117.6590, 71.4250, 43.6890



100.3150, 3.6670, 5.1310



66.6330, 58.2600, 78.5480



16.8470, 14.3930, 20.0010

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



125.7530, 48.6340, 65.7700



128.7030, 70.4070, 95.1990



165.3410, -71.4250, -43.6890



100.3150, 3.6670, 5.1310



66.6330, 58.2600, 78.5480



16.8470, 14.3930, 20.0010

Previews

White Background



This preview shows how the YIQ color 125.7530, 48.6340, 65.7700 looks on a white background.

Color Contrast Check

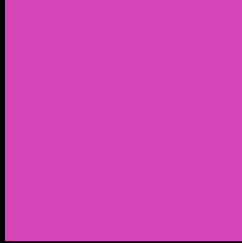
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 125.7530, 48.6340, 65.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

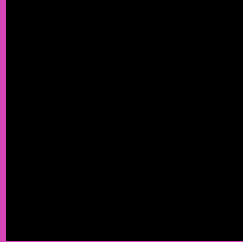
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.7530, 48.6340, 65.7700

Background



This preview shows how black text looks on a background with the YIQ color 125.7530, 48.6340, 65.7700.



This preview shows how white text looks on a background with the YIQ color 125.7530, 48.6340,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

125.7530, 48.6340, 65.7700

Protanopia

124.2160, -61.1210, 22.9030

Deuteranopia

130.0690, -21.6430, 12.2850



Tritanopia

127.9870, 63.9090, 25.7090

Trichromacy



Original Color

125.7530, 48.6340, 65.7700



Protanomaly

124.8900, -21.5560, 38.2520



Deuteranomaly

128.5490, 4.0290, 31.6210



Tritanomaly

127.0210, 58.5420, 40.3820

Monochromacy



Original Color

125.7530, 48.6340, 65.7700



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.2220, 17.8310, 23.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7530, 48.6340, 65.7700 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 70, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 70, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 70, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 70, 184) }
```

Border

The CSS property to change the border of an element to YIQ 125.7530, 48.6340, 65.7700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 70, 184) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 70, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 70, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 70, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 70, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 70,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7530, 48.6340, 65.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 70, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213, 70,  
184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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