

Converting Colors

YIQ(125.0500, 51.5710, 51.0830)

Have a look what the booklet for
YIQ(125.0500, 51.5710, 51.0830)
contains.

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Color

**YIQ(125.0500, 51.5710,
51.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4E9B
RGB	206, 78, 155
RGB Percent	81%, 31%, 61%
CMY	0.1918, 0.6943, 0.3920
CMYK	0.00, 0.62, 0.25, 0.19
HSL	324°, 57%, 56%
HSV	324°, 62%, 81%
XYZ	34.1186, 20.9436, 33.2709
YIQ	125.0500, 51.5710, 51.0830

Conversions

Conversions Part 2

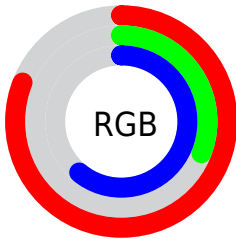
Format	Color
R_{YB}	206, 78, 155
Decimal	13520539
CIE _{Lab}	52.89, 58.42, -15.94
CIE _{LCh}	53, 60.553, 344.740
Yxy	20.9436, 0.3862, 0.2371
Android (android.graphics.Color)	4291710619 (0xFFCE4E9B)
YUV	125.0500, 14.7654, 70.9931
Hunter-Lab	45.7642, 52.9899, -11.0693

Details

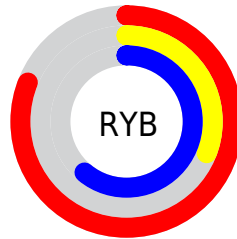
The YIQ color **125.0500, 51.5710, 51.0830** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **158.9500, -51.5710, -51.0830**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8430, 47.7200, 49.2880**, and **60.8040, 52.6240, 59.5360** is the 20% darker color. If you saturate the color by 10%, you get **111.8110, 59.9140, 59.5780**, and if you desaturate by 10%, it is **138.2890, 43.2280, 42.5880**.

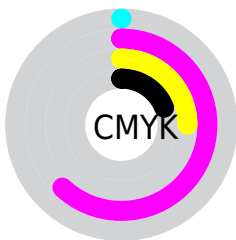
Distribution



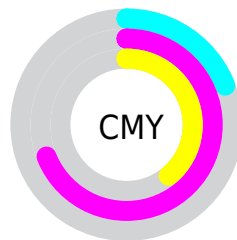
- Red (81%)
- Green (31%)
- Blue (61%)



- Red (81%)
- Yellow (31%)
- Blue (61%)



- Cyan (0%)
- Magenta (62%)
- Yellow (25%)
- Black (19%)



- Cyan (19%)
- Magenta (69%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.0500, 51.5710, 51.0830 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 125.0500, 51.5710, 51.0830 by changing the saturation by 10% instead.

125.0500, 51.5710,
51.0830

125.0500, 51.5710,
51.0830

255.0000, -0.0000,
-0.0000

96.3920, 50.6080,
52.0160

178.8430, 47.7200,
49.2880

60.8040, 52.6240,
59.5360

198.4710, 31.0320,
43.3520

45.0000, 45.8400,
50.3200

216.8450, 17.8750,
33.9950

34.0060, 36.5350,
37.2310

233.8680, 9.9000,
18.8280

23.7240, 28.1010,
24.8770

251.4780, 1.6500,
3.1380

12.8010, 20.0340,
11.3780

0.0000, 0.0000,

0.0000

■ 125.0500, 51.5710,
51.0830

■ 125.0500, 51.5710,
51.0830

■ 111.8110, 59.9140,
59.5780

■ 138.2890, 43.2280,
42.5880

■ 99.1590, 67.9820,
67.5500

■ 150.9410, 35.1600,
34.6160

■ 85.8060, 76.6460,
75.7340

■ 164.2940, 26.4960,
26.4320

■ 75.7300, 82.9720,
82.2360

■ 176.9460, 18.4280,
18.4600

■ 190.1850, 10.0850,
9.9650

■ 203.4240, 1.7420,
1.4700

■ 216.1900, -6.6470,
-6.1910

■ 229.4290,
-14.9900, -14.6860

■ 237.3850,
-20.8580, -18.4740

Harmonies

Analogous

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



129.7530, 3.9350, 44.3430



125.0500, 51.5710, 51.0830



120.6610, 77.1110, 39.7590

Triad

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



125.0500, 51.5710, 51.0830



115.4570, 39.3920, -42.1120



109.5620, -104.5790, -15.5150

Complementary

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



125.0500, 51.5710, 51.0830



158.9500, -51.5710, -51.0830

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.



105.2640, -89.7210, -31.4890



125.0500, 51.5710, 51.0830



108.9190, -14.7550, -46.4910

Square

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



125.0500, 51.5710, 51.0830



119.3290, 69.8320, -21.0800



98.5210, -72.1120, -47.7600



108.0580, -111.3670, -2.6230

Rectangle

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



125.0500, 51.5710, 51.0830



120.9750, 81.3780, 22.9940



98.5210, -72.1120, -47.7600



108.4390, -100.0390, -20.7030

Sweetspot

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



125.0500, 51.5710, 51.0830



224.6580, 19.2990, 19.1950



107.2430, -11.8840, 50.1960



109.0220, 12.1020, 11.9580



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.



125.0500, 51.5710, 51.0830



134.2190, 76.9210, 76.2570



117.9820, 71.4730, 31.8010



95.6740, 4.0340, 3.9860



61.0340, 66.8360, 66.2920



13.9840, 15.2650, 15.2090

Inverse Universe

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



125.0500, 51.5710, 51.0830



134.2190, 76.9210, 76.2570



166.0180, -71.4730, -31.8010



95.6740, 4.0340, 3.9860



61.0340, 66.8360, 66.2920



13.9840, 15.2650, 15.2090

Previews

White Background



This preview shows how the YIQ color 125.0500, 51.5710, 51.0830 looks on a white background.

Color Contrast Check

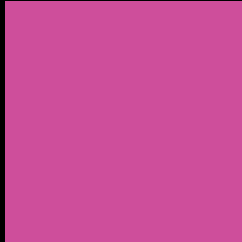
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.0500, 51.5710, 51.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

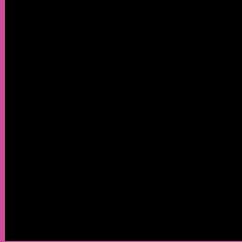
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.0500, 51.5710, 51.0830

Background



This preview shows how black text looks on a background with the YIQ color 125.0500, 51.5710, 51.0830.



This preview shows how white text looks on a background with the YIQ color 125.0500, 51.5710,

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

125.0500, 51.5710, 51.0830

Protanopia

126.3160, -32.4640, 15.6640

Deuteranopia

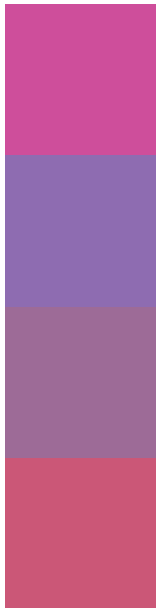
128.2310, -4.7240, 8.5240



Tritanopia

125.2750, 63.0380, 24.9740

Trichromacy



Original Color

125.0500, 51.5710, 51.0830

Protanomaly

126.0320, -1.8850, 28.6670

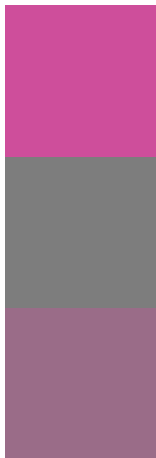
Deuteranomaly

126.9660, 15.6760, 24.2840

Tritanomaly

125.3320, 58.8640, 34.5440

Monochromacy



Original Color

125.0500, 51.5710, 51.0830

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9460, 18.4280, 18.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.0500, 51.5710, 51.0830 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(206, 78, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 78, 155)  
}
```

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(206, 78, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 78, 155) }
```

Border

The CSS property to change the border of an element to YIQ 125.0500, 51.5710, 51.0830 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(206, 78, 155) }
```


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

```
.border{ border-color:rgb(206, 78, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 78, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 78, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 78, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 78,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 125.0500, 51.5710, 51.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 78, 155) }
```

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

```
.background{ background-color: rgb(206, 78,  
155) }
```

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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