

Converting Colors

YIQ(114.5410, 60.3740, 51.2380)

Have a look what the booklet for
YIQ(114.5410, 60.3740, 51.2380)
contains.

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Color

**YIQ(114.5410, 60.3740,
51.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4187
RGB	204, 65, 135
RGB Percent	80%, 25%, 53%
CMY	0.1996, 0.7453, 0.4704
CMYK	0.00, 0.68, 0.34, 0.20
HSL	330°, 58%, 53%
HSV	330°, 68%, 80%
XYZ	31.1915, 18.3754, 24.8420
YIQ	114.5410, 60.3740, 51.2380

Conversions

Conversions Part 2

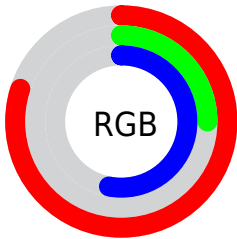
Format	Color
R_{YB}	204, 65, 135
Decimal	13386119
CIE _{Lab}	49.95, 60.62, -8.51
CIE _{LCh}	50, 61.215, 352.013
Yxy	18.3754, 0.4192, 0.2470
Android (android.graphics.Color)	4291576199 (0xFFCC4187)
YUV	114.5410, 10.0863, 78.4555
Hunter-Lab	42.8665, 54.8677, -4.3531

Details

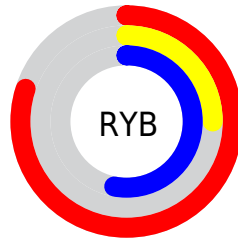
The YIQ color **114.5410, 60.3740, 51.2380** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **154.4590, -60.3740, -51.2380**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2910, 58.0820, 48.7220**, and **53.0450, 59.1350, 57.1750** is the 20% darker color. If you saturate the color by 10%, you get **101.6610, 69.0840, 58.5880**, and if you desaturate by 10%, it is **127.4210, 51.6640, 43.8880**.

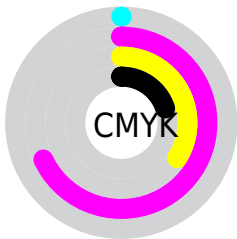
Distribution



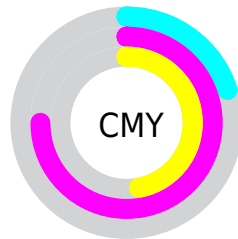
- Red (80%)
- Green (25%)
- Blue (53%)



- Red (80%)
- Yellow (25%)
- Blue (53%)



- Cyan (0%)
- Magenta (68%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (75%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.5410, 60.3740, 51.2380 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 114.5410, 60.3740, 51.2380 by changing the saturation by 10% instead.


 114.5410, 60.3740,
51.2380


 114.5410, 60.3740,
51.2380


255.0000, -0.0000,
-0.0000


 83.6490, 60.1900,
54.5740


 169.2910, 58.0820,
48.7220


 53.0450, 59.1350,
57.1750


 188.9190, 41.3940,
42.7860


 42.0510, 49.8300,
44.0860


 209.1340, 24.4310,
36.3270

 31.1710, 40.2040,
31.3080

 227.4110, 12.9250,
24.5810

 21.1170, 31.1280,
19.5760

 244.4340, 4.9500,
9.4140

 9.3830, 18.1550,
6.8830

 0.0000, 0.0000,

0.0000

■ 114.5410, 60.3740,
51.2380

■ 114.5410, 60.3740,
51.2380

■ 101.6610, 69.0840,
58.5880

■ 127.4210, 51.6640,
43.8880

■ 88.1940, 78.0690,
66.4610

■ 140.8880, 42.6790,
36.0150

■ 75.3140, 86.7790,
73.8110

■ 153.7680, 33.9690,
28.6650

■ 72.7380, 88.5210,
75.2810

■ 167.3490, 24.6630,
21.1030

■ 180.2290, 15.9530,
13.7530

■ 193.1090, 7.2430,
6.4030

■ 206.5760, -1.7420,
-1.4700

■ 219.4560,
-10.4520, -8.8200

■ 232.9230,
-19.4370, -16.6930

Harmonies

Analogous

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



121.3910, 16.8180, 47.6500



114.5410, 60.3740, 51.2380



111.5810, 80.0920, 35.2920

Triad

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



114.5410, 60.3740, 51.2380



106.8300, 27.9760, -44.4720



104.3930, -102.4250, -10.4970

Complementary

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



114.5410, 60.3740, 51.2380



154.4590, -60.3740, -51.2380

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.



101.1380, -89.1260, -25.7500



114.5410, 60.3740, 51.2380



94.4910, -37.0370, -50.1650

Square

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



114.5410, 60.3740, 51.2380



112.0890, 61.5800, -25.7160



95.0960, -72.1130, -42.2330



101.0310, -106.7370, 1.5750

Rectangle

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



114.5410, 60.3740, 51.2380



113.1610, 80.5540, 15.8980



95.0960, -72.1130, -42.2330



104.1990, -99.1230, -15.2750

Sweetspot

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



114.5410, 60.3740, 51.2380



222.2130, 22.0500, 18.8980



100.8790, -4.6870, 57.4330



107.9790, 13.6610, 11.2370



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.



114.5410, 60.3740, 51.2380



120.4610, 90.8590, 76.9630



106.7890, 82.2020, 30.0900



95.5600, 4.3550, 3.6750



59.2100, 71.9720, 61.3160



13.5280, 16.5490, 13.9650

Inverse Universe

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



114.5410, 60.3740, 51.2380



120.4610, 90.8590, 76.9630



162.2110, -82.2020, -30.0900



95.5600, 4.3550, 3.6750



59.2100, 71.9720, 61.3160



13.5280, 16.5490, 13.9650

Previews

White Background



This preview shows how the YIQ color 114.5410, 60.3740, 51.2380 looks on a white background.

Color Contrast Check

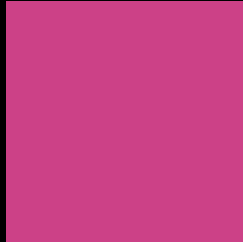
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.5410, 60.3740, 51.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

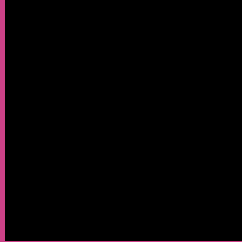
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.5410, 60.3740, 51.2380

Background



This preview shows how black text looks on a background with the YIQ color 114.5410, 60.3740, 51.2380.



This preview shows how white text looks on a background with the YIQ color 114.5410, 60.3740,

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

114.5410, 60.3740, 51.2380

Protanopia

119.5570, -25.9530, 13.3030

Deuteranopia

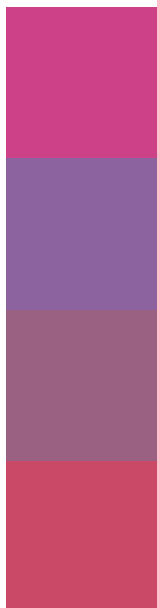
120.6570, 2.7040, 6.0640



Tritanopia

115.0480, 71.1070, 27.4190

Trichromacy



Original Color

114.5410, 60.3740, 51.2380

Protanomaly

117.9850, 5.4970, 27.0410

Deuteranomaly

118.2180, 23.6540, 22.8700

Tritanomaly

114.5780, 66.9790, 36.1550

Monochromacy



Original Color

114.5410, 60.3740, 51.2380

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8000, 21.7750, 18.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.5410, 60.3740, 51.2380 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(204, 65, 135)` looks like.

```
.text, #text, p{  
    color:rgb(204, 65, 135)  
}
```

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(204, 65, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 65, 135) }
```

Border

The CSS property to change the border of an element to YIQ 114.5410, 60.3740, 51.2380 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(204, 65, 135) }
```


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

```
.border{ border-color:rgb(204, 65, 135) }
```

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

Here you see how a box with a 4 pixel rgb(204, 65, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 65, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 65, 135);  
box-shadow:4px 4px 4px 4px rgb(204, 65,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 114.5410, 60.3740, 51.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 65, 135) }
```

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

```
.background{ background-color: rgb(204, 65,  
135) }
```

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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