

Converting Colors

YIQ(122.2660, 59.2300, 38.9260)

Have a look what the booklet for
YIQ(122.2660, 59.2300, 38.9260)
contains.

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Color

**YIQ(122.2660, 59.2300,
38.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	CB517B
RGB	203, 81, 123
RGB Percent	80%, 32%, 48%
CMY	0.2036, 0.6825, 0.5174
CMYK	0.00, 0.60, 0.39, 0.20
HSL	339°, 54%, 56%
HSV	339°, 60%, 80%
XYZ	31.1676, 20.0165, 20.9767
YIQ	122.2660, 59.2300, 38.9260

Conversions

Conversions Part 2

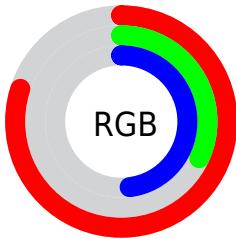
Format	Color
R_{YB}	203, 81, 123
Decimal	13324667
CIE _{Lab}	51.86, 52.31, 1.48
CIE _{LCh}	52, 52.332, 1.623
Yxy	20.0165, 0.4319, 0.2774
Android (android.graphics.Color)	4291514747 (0xFFCB517B)
YUV	122.2660, 0.3619, 70.8037
Hunter-Lab	44.7398, 46.0561, 3.5191

Details

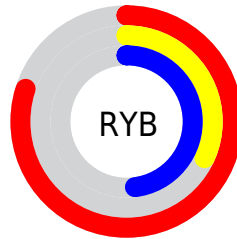
The YIQ color **122.2660, 59.2300, 38.9260** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **161.7340, -59.2300, -38.9260**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0270, 58.4050, 37.3570**, and **64.2320, 56.5700, 43.0820** is the 20% darker color. If you saturate the color by 10%, you get **109.0440, 68.9030, 45.3430**, and if you desaturate by 10%, it is **135.4880, 49.5570, 32.5090**.

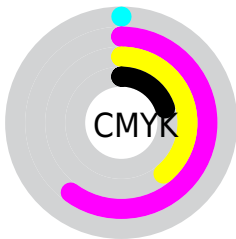
Distribution



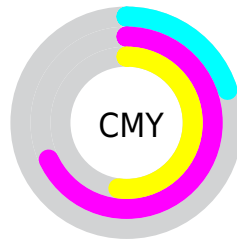
- Red (80%)
- Green (32%)
- Blue (48%)



- Red (80%)
- Yellow (32%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (39%)
- Black (20%)




- Cyan (20%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.2660, 59.2300, 38.9260 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 122.2660, 59.2300, 38.9260 by changing the saturation by 10% instead.


 122.2660, 59.2300,
38.9260


 122.2660, 59.2300,
38.9260


255.0000, -0.0000,
-0.0000


 94.3090, 57.6710,
39.6470


 175.4400, 58.6800,
37.8800


 64.2320, 56.5700,
43.0820


 195.0680, 41.9920,
31.9440


 40.6120, 52.4440,
40.7640


 214.6960, 25.3040,
26.0080

 29.8460, 42.4970,
28.2970

 234.4550, 9.6250,
18.3050

 19.5210, 35.6220,
15.2220

 252.0650, 1.3750,
2.6150

 9.3830, 18.1550,
6.8830

 0.0000, 0.0000,

0.0000

■ 122.2660, 59.2300,
38.9260

■ 122.2660, 59.2300,
38.9260

■ 109.0440, 68.9030,
45.3430

■ 135.4880, 49.5570,
32.5090

■ 95.1210, 79.1720,
51.9720

■ 149.4110, 39.2880,
25.8800

■ 81.8990, 88.8450,
58.3890

■ 162.6330, 29.6150,
19.4630

■ 68.6770, 98.5180,
64.8060

■ 175.8550, 19.9420,
13.0460

■ 189.1910, 9.9480,
6.9400

■ 203.0000, 0.0000,
-0.0000

■ 216.2220, -9.6730,
-6.4170

■ 229.5580,
-19.6670, -12.5230

■ 238.0840,
-27.1400, -14.7560

Harmonies

Analogous

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



126.2750, 28.6480, 42.5040



122.2660, 59.2300, 38.9260



120.7610, 70.2370, 21.1570

Triad

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



122.2660, 59.2300, 38.9260



113.5200, 8.7180, -36.8660



104.6210, -103.0670, -9.8750

Complementary

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



122.2660, 59.2300, 38.9260



161.7340, -59.2300, -38.9260

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.



103.7940, -93.8490, -22.7530



122.2660, 59.2300, 38.9260



98.9380, -51.2970, -45.0330

Square

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



122.2660, 59.2300, 38.9260



117.5910, 45.4870, -25.9130



99.3650, -80.0000, -36.9600



99.4180, -103.5730, -0.7010

Rectangle

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



122.2660, 59.2300, 38.9260



120.7800, 68.0850, 5.0850



99.3650, -80.0000, -36.9600



104.7690, -100.7280, -13.7200

Sweetspot

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



122.2660, 59.2300, 38.9260



224.5780, 22.2800, 14.7280



118.5290, 7.9220, 54.6900



108.8110, 14.0740, 9.2580



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.



122.2660, 59.2300, 38.9260



133.3120, 89.1200, 58.9120



128.0440, 67.7620, 16.4500



95.3320, 4.9970, 3.0530



56.1320, 80.6390, 52.9190



12.8440, 18.4750, 12.0990

Inverse Universe

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



122.2660, 59.2300, 38.9260



133.3120, 89.1200, 58.9120



155.9560, -67.7620, -16.4500



95.3320, 4.9970, 3.0530



56.1320, 80.6390, 52.9190



12.8440, 18.4750, 12.0990

Previews

White Background



This preview shows how the YIQ color 122.2660, 59.2300, 38.9260 looks on a white background.

Color Contrast Check

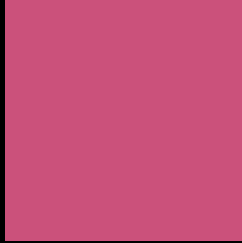
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.2660, 59.2300, 38.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

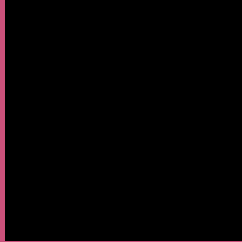
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.2660, 59.2300, 38.9260

Background



This preview shows how black text looks on a background with the YIQ color 122.2660, 59.2300, 38.9260.



This preview shows how white text looks on a background with the YIQ color 122.2660, 59.2300,

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

122.2660, 59.2300, 38.9260

Protanopia

124.6540, -10.4090, 6.9270

Deuteranopia

125.3390, 12.2870, 3.0950



Tritanopia

121.7700, 66.0180, 26.0340

Trichromacy



Original Color

122.2660, 59.2300, 38.9260

Protanomaly

124.0920, 15.0810, 18.5450

Deuteranomaly

124.2260, 29.2030, 15.9150

Tritanomaly

122.1490, 63.6330, 30.7130

Monochromacy



Original Color

122.2660, 59.2300, 38.9260

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.8660, 21.4090, 13.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.2660, 59.2300, 38.9260 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(203, 81, 123)` looks like.

```
.text, #text, p{  
    color:rgb(203, 81, 123)  
}
```

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(203, 81, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 81, 123) }
```

Border

The CSS property to change the border of an element to YIQ 122.2660, 59.2300, 38.9260 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(203, 81, 123) }
```


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

```
.border{ border-color:rgb(203, 81, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 81, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 81, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 81, 123);  
box-shadow:4px 4px 4px 4px rgb(203, 81,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 122.2660, 59.2300, 38.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 81, 123) }
```

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

```
.background{ background-color: rgb(203, 81,  
123) }
```

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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