

Converting Colors

YIQ(158.3730, 51.6190, 39.1950)

Have a look what the booklet for
YIQ(158.3730, 51.6190, 39.1950)
contains.

YIQ(158.3730, 51.6190, 39.1950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(158.3730, 51.6190,
39.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	E877A8
RGB	232, 119, 168
RGB Percent	91%, 47%, 66%
CMY	0.0899, 0.5335, 0.3410
CMYK	0.00, 0.49, 0.28, 0.09
HSL	334°, 71%, 69%
HSV	334°, 49%, 91%
XYZ	46.9665, 33.1797, 40.9955
YIQ	158.3730, 51.6190, 39.1950

Conversions

Conversions Part 2

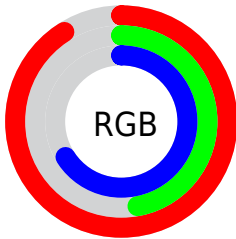
Format	Color
R _Y B	232, 119, 168
Decimal	15234984
CIE Lab	64.31, 49.15, -5.96
CIE LCh	64, 49.507, 353.086
Yxy	33.1797, 0.3877, 0.2739
Android (android.graphics.Color)	4293425064 (0xFFE877A8)
YUV	158.3730, 4.7461, 64.5709
Hunter-Lab	57.6018, 44.7395, -1.8757

Details

The YIQ color **158.3730, 51.6190, 39.1950** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **192.6270, -51.6190, -39.1950**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8050, 32.5470, 32.4110**, and **103.4050, 48.5930, 38.9690** is the 20% darker color. If you saturate the color by 10%, you get **143.3900, 62.1170, 47.1810**, and if you desaturate by 10%, it is **173.3560, 41.1210, 31.2090**.

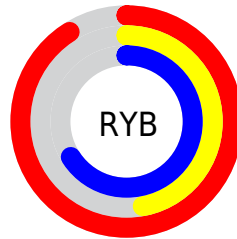
Distribution



Red (91%)

Green (47%)

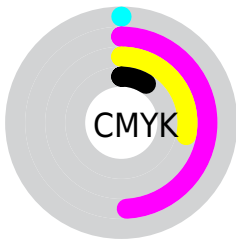
Blue (66%)



Red (91%)

Yellow (47%)

Blue (66%)

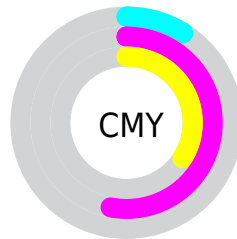


Cyan (0%)

Magenta (49%)

Yellow (28%)

Black (9%)



Cyan (9%)


Magenta (53%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.3730, 51.6190, 39.1950 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 158.3730, 51.6190, 39.1950 by changing the saturation by 10% instead.

 158.3730, 51.6190,
39.1950


 158.3730, 51.6190,
39.1950


255.0000, -0.0000,
-0.0000


 130.8890, 50.1060,
39.0820


 203.8050, 32.5470,
32.4110


 103.4050, 48.5930,
38.9690


 223.5470, 15.5380,
26.7860

 75.5620, 46.7130,
40.0010

 240.9120, 6.6000,
12.5520

 42.7350, 47.9040,
45.9520

 32.1540, 38.8740,
33.3860

 21.9860, 30.1190,
21.3430

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 158.3730, 51.6190,
39.1950

■ 158.3730, 51.6190,
39.1950

■ 143.3900, 62.1170,
47.1810

■ 173.3560, 41.1210,
31.2090

■ 128.4070, 72.6150,
55.1670

■ 188.3390, 30.6230,
23.2230

■ 112.8370, 83.3880,
63.6760

■ 203.9090, 19.8500,
14.7140

■ 97.7400, 94.2070,
71.3510

■ 219.0060, 9.0310,
7.0390

■ 82.7570, 104.7050,
79.3370

■ 233.9890, -1.4670,
-0.9470

■ 80.8820, 105.8510,
80.5950

■ 247.2110,
-11.1400, -7.3640

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



160.9360, 16.3610, 39.4090



158.3730, 51.6190, 39.1950



155.7380, 69.0440, 26.2600

Triad

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



158.3730, 51.6190, 39.1950



148.6140, 20.3170, -32.3150



127.9020, -120.3960, -20.7160

Complementary

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



158.3730, 51.6190, 39.1950



192.6270, -51.6190, -39.1950

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.



126.0320, -109.6190, -34.3150



158.3730, 51.6190, 39.1950



141.1710, -23.9720, -39.1400

Square

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



158.3730, 51.6190, 39.1950



152.2700, 51.1250, -17.9550



120.9020, -95.1740, -48.3100



132.6410, -105.8190, -4.0510

Rectangle

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



158.3730, 51.6190, 39.1950



154.9640, 70.7430, 11.9830



120.9020, -95.1740, -48.3100



127.8220, -117.4150, -25.1830

Sweetspot

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



158.3730, 51.6190, 39.1950



230.1860, 17.5120, 13.0320



150.4200, 0.6790, 48.2870



113.0170, 10.4980, 7.9860



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.



158.3730, 51.6190, 39.1950



158.5480, 67.6640, 51.2800



156.3090, 65.6980, 20.8180



109.8590, 4.9510, 3.8870



63.1250, 82.5170, 62.9410



18.7680, 24.8010, 18.6010

Inverse Universe

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



158.3730, 51.6190, 39.1950



158.5480, 67.6640, 51.2800



194.6910, -65.6980, -20.8180



109.8590, 4.9510, 3.8870



63.1250, 82.5170, 62.9410



18.7680, 24.8010, 18.6010

Previews

White Background



This preview shows how the YIQ color 158.3730, 51.6190, 39.1950 looks on a white background.

Color Contrast Check

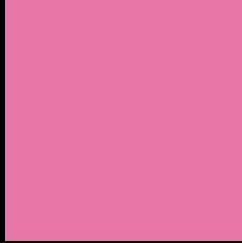
Large Text (above 18pt) WCAG AA × Fail

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 158.3730, 51.6190, 39.1950 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 ✓ Pass

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

YIQ 158.3730, 51.6190, 39.1950

Background



This preview shows how black text looks on a background with the YIQ color 158.3730, 51.6190, 39.1950.



This preview shows how white text looks on a background with the YIQ color 158.3730, 51.6190,

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

158.3730, 51.6190, 39.1950

Protanopia

157.0110, -15.7280, 9.7120

Deuteranopia

158.3370, 6.6010, 7.0250



Tritanopia

157.2360, 58.7740, 25.1580

Trichromacy



Original Color

158.3730, 51.6190, 39.1950

Protanomaly

157.7370, 8.8910, 20.5950

Deuteranomaly

158.3980, 22.9670, 18.7990

Tritanomaly

157.7290, 56.0680, 30.1480

Monochromacy



Original Color

158.3730, 51.6190, 39.1950

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.3110, 18.6580, 14.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.3730, 51.6190, 39.1950 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(232, 119, 168)` looks like.

```
.text, #text, p{  
    color:rgb(232, 119, 168)  
}
```

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(232, 119, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 119, 168) }
```

Border

The CSS property to change the border of an element to YIQ 158.3730, 51.6190, 39.1950 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(232, 119, 168) }
```


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

```
.border{ border-color:rgb(232, 119, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 119, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 119, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 119, 168);  
box-shadow:4px 4px 4px 4px rgb(232, 119,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 158.3730, 51.6190, 39.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 119, 168) }
```

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

```
.background{ background-color: rgb(232,  
119, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor