

Converting Colors

YIQ(57.0950, 21.3080, 65.4040)

Have a look what the booklet for
YIQ(57.0950, 21.3080, 65.4040)
contains.

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Color

**YIQ(57.0950, 21.3080,
65.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	760991
RGB	118, 9, 145
RGB Percent	46%, 4%, 57%
CMY	0.5369, 0.9649, 0.4314
CMYK	0.19, 0.94, 0.00, 0.43
HSL	288°, 88%, 30%
HSV	288°, 94%, 57%
XYZ	12.6908, 6.0963, 27.2937
YIQ	57.0950, 21.3080, 65.4040

Conversions

Conversions Part 2

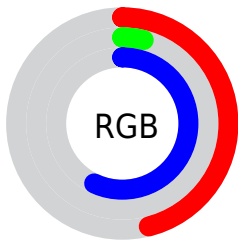
Format	Color
R_{YB}	118, 9, 145
Decimal	7735697
CIE _{Lab}	29.65, 58.77, -47.39
CIE _{LCh}	30, 75.498, 321.119
Yxy	6.0963, 0.2754, 0.1323
Android (android.graphics.Color)	4285925777 (0xFF760991)
YUV	57.0950, 43.3372, 53.4137
Hunter-Lab	24.6906, 48.5389, -48.2576

Details

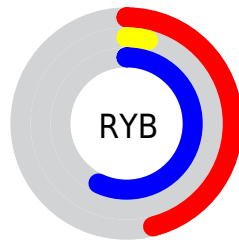
The YIQ color **57.0950, 21.3080, 65.4040** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **96.9050, -21.3080, -65.4040**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2640, 19.1540, 60.3860**, and **29.7380, 8.2910, 42.4910** is the 20% darker color. If you saturate the color by 10%, you get **51.2140, 22.5910, 69.6870**, and if you desaturate by 10%, it is **66.2100, 19.2460, 58.7180**.

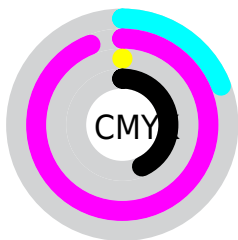
Distribution



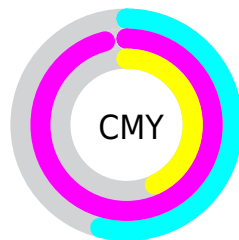
- Red (46%)
- Green (4%)
- Blue (57%)



- Red (46%)
- Yellow (4%)
- Blue (57%)



- Cyan (19%)
- Magenta (94%)
- Yellow (0%)
- Black (43%)



- Cyan (54%)
- Magenta (96%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.0950, 21.3080, 65.4040 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 57.0950, 21.3080, 65.4040 by changing the saturation by 10% instead.

■ 57.0950, 21.3080,
65.4040

■ 57.0950, 21.3080,
65.4040

■ 255.0000, -0.0000,
-0.0000

■ 40.7750, 16.0370,
56.3010

■ 118.2640, 19.1540,
60.3860

■ 29.7380, 8.2910,
42.4910

■ 146.5630, 19.7500,
60.5980

■ 19.8260, 1.6910,
29.9390

■ 174.1610, 20.9420,
61.0220

■ 5.2440, -14.7660,
14.3060

■ 197.4740, 26.9500,
51.2540


■ 3.3230, -7.9790,
6.9410


■ 213.9100, 19.2500,
36.6100


■ 0.0000, 0.0000,
0.0000


■ 230.9330, 11.2750,


21.4430


 247.9560, 3.3000,
6.2760


 57.0950, 21.3080,
65.4040


 57.0950, 21.3080,
65.4040

 51.2140, 22.5910,
69.6870

 66.2100, 19.2460,
58.7180

 75.9120, 16.9090,
51.5090

 85.0270, 14.8470,
44.8230

 94.7290, 12.5100,
37.6140

 103.5450, 9.8520,
30.7160

■ 113.2470, 7.5150,
23.5070

■ 122.3620, 5.4530,
16.8210

■ 132.0640, 3.1160,
9.6120

■ 141.1790, 1.0540,
2.9260

Harmonies

Analogous

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



57.7290, -75.7470, 23.6530



57.0950, 21.3080, 65.4040



57.8010, 65.8740, 61.6980

Triad

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



57.0950, 21.3080, 65.4040



66.5930, 43.1460, -11.0140



66.6580, -60.9310, -13.5950

Complementary

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



57.0950, 21.3080, 65.4040



96.9050, -21.3080, -65.4040

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.



58.5300, -40.8000, -31.5200



57.0950, 21.3080, 65.4040



59.8280, 5.0950, -31.7770

Square

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



57.0950, 21.3080, 65.4040



53.8990, 78.5360, 19.4320



51.0690, -23.9250, -45.5010



71.8850, -77.0270, 2.7890

Rectangle

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



57.0950, 21.3080, 65.4040



55.2630, 81.6480, 51.1520



51.0690, -23.9250, -45.5010



63.7910, -54.2360, -19.2920

Sweetspot

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



57.0950, 21.3080, 65.4040



154.6000, 8.0190, 25.3870



40.3530, -51.0810, 28.1750



73.4220, 5.2240, 15.4640



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



57.0950, 21.3080, 65.4040



66.6950, 29.3270, 90.7910



60.4940, 50.5610, 58.3770



66.5920, 1.3290, 3.4490



47.6820, 21.0330, 64.8810



2.7060, 1.0080, 3.7600

Inverse Universe

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



52.7420, 72.3890, 37.2290



60.7290, 100.7670, 51.5750



93.5060, -50.5610, -58.3770



66.3210, 3.5300, 2.1060



43.4430, 71.7930, 37.0170



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 57.0950, 21.3080, 65.4040 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

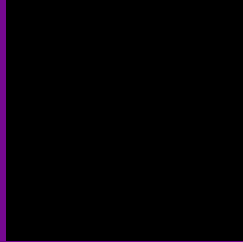
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.0950, 21.3080, 65.4040

Background



This preview shows how black text looks on a background with the YIQ color 57.0950, 21.3080, 65.4040.



This preview shows how white text looks on a background with the YIQ color 57.0950, 21.3080,

65.4040.

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

57.0950, 21.3080, 65.4040

Protanopia

57.8480, -66.4370, 9.1070

Deuteranopia

58.1440, -61.7590, 1.4170



Tritanopia

72.1070, 27.9200, 11.6320

Trichromacy



Original Color

57.0950, 21.3080, 65.4040

Protanomaly

57.6770, -34.4380, 29.4180

Deuteranomaly

57.5970, -31.4570, 24.9510

Tritanomaly

66.8580, 25.0280, 31.0120

Monochromacy



Original Color

57.0950, 21.3080, 65.4040

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2470, 7.5150, 23.5070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.0950, 21.3080, 65.4040 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(118, 9, 145)` looks like.

```
.text, #text, p{  
    color:rgb(118, 9, 145)  
}
```

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(118, 9, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 9, 145) }
```

Border

The CSS property to change the border of an element to YIQ 57.0950, 21.3080, 65.4040 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(118, 9, 145) }
```


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

```
.border{ border-color:rgb(118, 9, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 9, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 9, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 9, 145);  
box-shadow:4px 4px 4px 4px rgb(118, 9,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 57.0950, 21.3080, 65.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 9, 145) }
```

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

```
.background{ background-color: rgb(118, 9,  
145) }
```

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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