

Converting Colors

YIQ(57.5310, 30.8030, 41.9950)

Have a look what the booklet for
YIQ(57.5310, 30.8030, 41.9950)
contains.

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Color

**YIQ(57.5310, 30.8030,
41.9950)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 71165F |
| RGB | 113, 22, 95 |
| RGB Percent | 44%, 9%, 37% |
| CMY | 0.5566, 0.9139, 0.6274 |
| CMYK | 0.00, 0.81, 0.16, 0.56 |
| HSL | 312°, 67%, 26% |
| HSV | 312°, 81%, 44% |
| XYZ | 9.1712, 4.9140, 11.2956 |
| YIQ | 57.5310, 30.8030, 41.9950 |

Conversions

Conversions Part 2

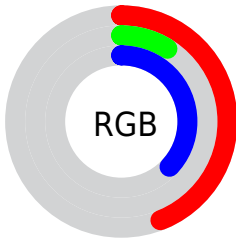
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 113, 22, 95 |
| Decimal | 7411295 |
| CIE Lab | 26.49, 46.19, -20.72 |
| CIE LCh | 26, 50.626, 335.842 |
| Yxy | 4.9140, 0.3613, 0.1936 |
| Android (android.graphics.Color) | 4285601375 (0xFF71165F) |
| YUV | 57.5310, 18.4722, 48.6463 |
| Hunter-Lab | 22.1676, 35.0554, -14.6941 |

Details

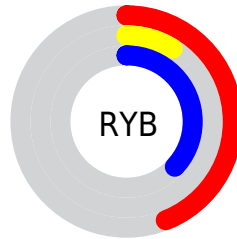
The YIQ color **57.5310, 30.8030, 41.9950** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.4690, -30.8030, -41.9950**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0750, 32.0870, 40.7510**, and **23.7110, 20.9480, 27.8600** is the 20% darker color. If you saturate the color by 10%, you get **50.8460, 34.4700, 47.1260**, and if you desaturate by 10%, it is **64.2160, 27.1360, 36.8640**.

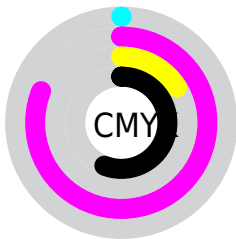
Distribution



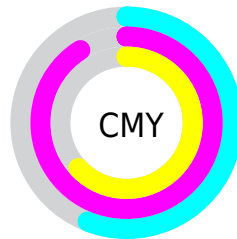
- Red (44%)
- Green (9%)
- Blue (37%)



- Red (44%)
- Yellow (9%)
- Blue (37%)



- Cyan (0%)
- Magenta (81%)
- Yellow (16%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.5310, 30.8030, 41.9950 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 57.5310, 30.8030, 41.9950 by changing the saturation by 10% instead.

■ 57.5310, 30.8030,
41.9950

■ 57.5310, 30.8030,
41.9950

■ 255.0000, -0.0000,
-0.0000

■ 34.1070, 29.0610,
40.5250

■ 112.0750, 32.0870,
40.7510

■ 23.7110, 20.9480,
27.8600

■ 138.6730, 33.2790,
41.1750

■ 14.4400, 13.9810,
16.4530

■ 165.7980, 34.4250,
42.4330

■ 0.0000, 0.0000,
0.0000

■ 194.0970, 35.0210,
42.6450

■ 213.3230, 19.5250,
37.1330

■ 230.3460, 11.5500,

21.9660

247.3690, 3.5750,
6.7990

57.5310, 30.8030,
41.9950

57.5310, 30.8030,
41.9950

50.8460, 34.4700,
47.1260

64.2160, 27.1360,
36.8640

44.1610, 38.1370,
52.2570

71.4880, 23.1940,
31.2100

78.2870, 19.2060,
26.3900

84.9720, 15.5390,
21.2590

92.2440, 11.5970,
15.6050

■ 98.9290, 7.9300,
10.4740

■ 105.7280, 3.9420,
5.6540

■ 112.4130, 0.2750,
0.5230

■ 119.6850, -3.6670,
-5.1310

Harmonies

Analogous

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



63.4700, -11.9260, 28.9220



57.5310, 30.8030, 41.9950



45.3570, 57.7160, 44.3400

Triad

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



57.5310, 30.8030, 41.9950



58.7970, 24.7160, -18.4200



58.5710, -56.0720, -8.0400

Complementary

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



57.5310, 30.8030, 41.9950



77.4690, -30.8030, -41.9950

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.



54.2390, -43.8740, -19.8580



57.5310, 30.8030, 41.9950



50.9350, -2.5160, -31.5080

Square

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



57.5310, 30.8030, 41.9950



58.6740, 47.5920, -3.4800



48.3910, -30.1630, -31.5630



59.3010, -63.6390, 2.4490

Rectangle

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



57.5310, 30.8030, 41.9950



50.1270, 60.6990, 28.8190



48.3910, -30.1630, -31.5630



57.2030, -52.2200, -11.7720

Sweetspot

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



57.5310, 30.8030, 41.9950



126.0700, 12.1470, 16.6510



37.4570, -19.0790, 31.9050



61.2170, 7.0590, 9.7390



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



57.5310, 30.8030, 41.9950



60.1660, 48.9090, 66.2930



52.5150, 44.9270, 28.3110



52.3640, 1.9710, 2.8270



46.8240, 40.7040, 55.2960



96.4250, 83.6540, 113.9420

Inverse Universe

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



57.5310, 30.8030, 41.9950



60.1660, 48.9090, 66.2930



82.4850, -44.9270, -28.3110



52.3640, 1.9710, 2.8270



46.8240, 40.7040, 55.2960



96.4250, 83.6540, 113.9420

Previews

White Background



This preview shows how the YIQ color 57.5310, 30.8030, 41.9950 looks on a white background.

Color Contrast Check

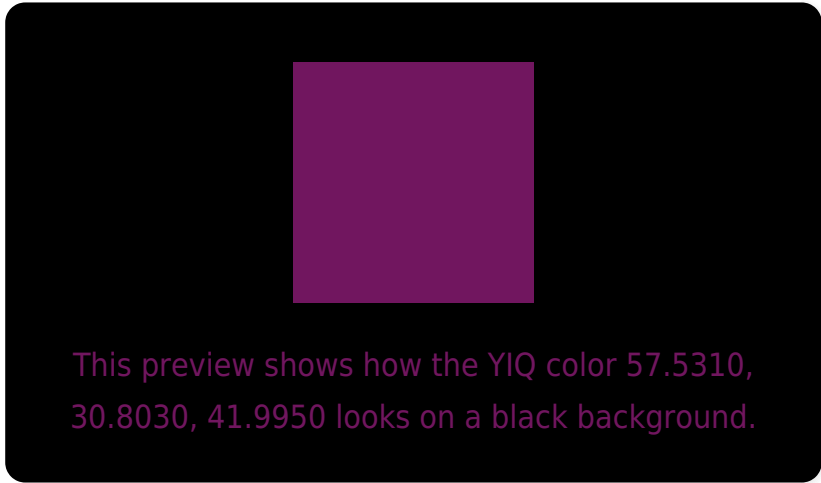
Large Text (above 18pt) WCAG AA ✓ Pass

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

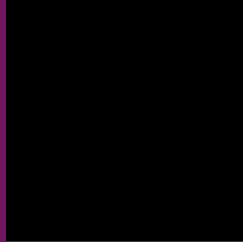
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.5310, 30.8030, 41.9950

Background



This preview shows how black text looks on a background with the YIQ color 57.5310, 30.8030, 41.9950.



This preview shows how white text looks on a background with the YIQ color 57.5310, 30.8030,

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

57.5310, 30.8030, 41.9950

Protanopia

57.2650, -45.6220, 11.8340

Deuteranopia

64.5720, -13.1140, 6.3900



Tritanopia

61.9620, 38.6940, 14.6140

Trichromacy



Original Color

57.5310, 30.8030, 41.9950

Protanomaly

56.9590, -17.9770, 22.9430

Deuteranomaly

62.2740, 2.8850, 19.3090

Tritanomaly

60.6170, 35.7120, 24.6080

Monochromacy



Original Color

57.5310, 30.8030, 41.9950

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.8310, 11.3220, 15.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.5310, 30.8030, 41.9950 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(113, 22, 95)` looks like.

```
.text, #text, p{  
    color:rgb(113, 22, 95)  
}
```

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(113, 22, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 22, 95) }
```

Border

The CSS property to change the border of an element to YIQ 57.5310, 30.8030, 41.9950 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(113, 22, 95) }
```


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

```
.border{ border-color:rgb(113, 22, 95) }
```

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

Here you see how a box with a 4 pixel rgb(113, 22, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 22, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 22, 95);  
box-shadow:4px 4px 4px 4px rgb(113, 22,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 57.5310, 30.8030, 41.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 22, 95) }
```

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

```
.background{ background-color: rgb(113, 22,  
95) }
```

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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