

Converting Colors

YIQ(57.0020, 25.1630, 45.0910)

Have a look what the booklet for
YIQ(57.0020, 25.1630, 45.0910)
contains.

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Color

**YIQ(57.0020, 25.1630,
45.0910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6D156A |
| RGB | 109, 21, 106 |
| RGB Percent | 43%, 8%, 42% |
| CMY | 0.5723, 0.9178, 0.5843 |
| CMYK | 0.00, 0.81, 0.03, 0.57 |
| HSL | 302°, 68%, 25% |
| HSV | 302°, 81%, 43% |
| XYZ | 9.1844, 4.8312, 14.0865 |
| YIQ | 57.0020, 25.1630, 45.0910 |

Conversions

Conversions Part 2

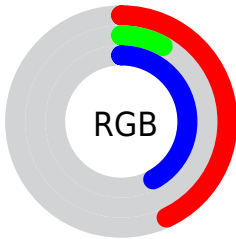
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 109, 21, 106 |
| Decimal | 7148906 |
| CIE _{Lab} | 26.25, 47.34, -28.31 |
| CIE _{LCh} | 26, 55.157, 329.118 |
| Yxy | 4.8312, 0.3268, 0.1719 |
| Android (android.graphics.Color) | 4285338986 (0xFF6D156A) |
| YUV | 57.0020, 24.1560, 45.6022 |
| Hunter-Lab | 21.9800, 36.1212, -22.6115 |

Details

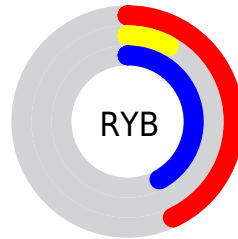
The YIQ color **57.0020, 25.1630, 45.0910** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.9980, -25.1630, -45.0910**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3610, 25.5300, 43.9460**, and **23.6550, 15.3540, 30.1220** is the 20% darker color. If you saturate the color by 10%, you get **50.5450, 28.1880, 50.8440**, and if you desaturate by 10%, it is **63.4590, 22.1380, 39.3380**.

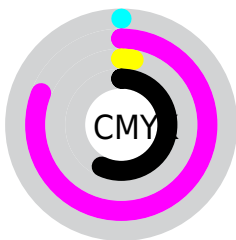
Distribution



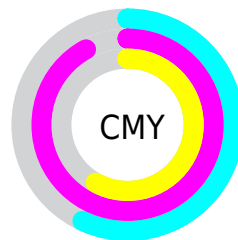
- Red (43%)
- Green (8%)
- Blue (42%)



- Red (43%)
- Yellow (8%)
- Blue (42%)



- Cyan (0%)
- Magenta (81%)
- Yellow (3%)
- Black (57%)



- Cyan (57%)
- Magenta (92%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.0020, 25.1630, 45.0910 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 57.0020, 25.1630, 45.0910 by changing the saturation by 10% instead.

■ 57.0020, 25.1630,
45.0910

■ 57.0020, 25.1630,
45.0910

■ 255.0000, -0.0000,
-0.0000

■ 34.1650, 23.1460,
43.0980

■ 111.3610, 25.5300,
43.9460

■ 23.9540, 15.9500,
30.3340

■ 138.0730, 26.4010,
44.6810

■ 14.5690, 9.3040,
18.6160

■ 165.7850, 27.2720,
45.4160

■ 1.2540, -3.5310,
3.4210


■ 193.4970, 28.1430,
46.1510


■ 0.0000, 0.0000,
0.0000


■ 213.3230, 19.5250,
37.1330


■ 229.7590, 11.8250,


22.4890


 246.7820, 3.8500,
7.3220


 57.0020, 25.1630,
45.0910


 57.0020, 25.1630,
45.0910


 50.5450, 28.1880,
50.8440


 63.4590, 22.1380,
39.3380

 44.5610, 31.2590,
55.7630

 70.0300, 18.7920,
33.8960

 76.4870, 15.7670,
28.1430

 83.0580, 12.4210,
22.7010

 89.5150, 9.3960,
16.9480

■ 95.3850, 6.6460,
11.7180

■ 101.9560, 3.3000,
6.2760

■ 108.4130, 0.2750,
0.5230

■ 114.8700, -2.7500,
-5.2300

Harmonies

Analogous

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



60.2060, -28.7980, 26.3220



57.0020, 25.1630, 45.0910



46.5790, 57.2110, 47.9870

Triad

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



57.0020, 25.1630, 45.0910



58.5420, 29.9880, -14.8440



58.0010, -54.4670, -9.5950

Complementary

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



57.0020, 25.1630, 45.0910



72.9980, -25.1630, -45.0910

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.



53.2130, -40.9850, -22.6570



57.0020, 25.1630, 45.0910



52.4410, 1.9310, -29.5010

Square

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



57.0020, 25.1630, 45.0910



56.9570, 54.2850, 1.8770



46.0940, -25.0730, -35.7050



60.5890, -64.5100, 1.7140

Rectangle

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



57.0020, 25.1630, 45.0910



43.8000, 66.4740, 39.8020



46.0940, -25.0730, -35.7050



56.5190, -50.2940, -13.6380

Sweetspot

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



57.0020, 25.1630, 45.0910



122.9280, 9.6710, 17.4710



31.9290, -26.4600, 28.0040



59.2600, 5.5000, 10.4600



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



57.0020, 25.1630, 45.0910



60.8370, 39.8300, 71.1420



51.9860, 39.2870, 31.4070



50.3640, 1.9710, 2.8270



47.8650, 33.4590, 59.9470



100.1590, 70.2640, 125.3360

Inverse Universe

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



57.0020, 25.1630, 45.0910



60.8370, 39.8300, 71.1420



78.0140, -39.2870, -31.4070



50.3640, 1.9710, 2.8270



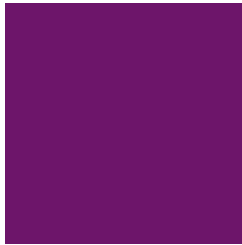
47.8650, 33.4590, 59.9470



100.1590, 70.2640, 125.3360

Previews

White Background



This preview shows how the YIQ color 57.0020, 25.1630, 45.0910 looks on a white background.

Color Contrast Check

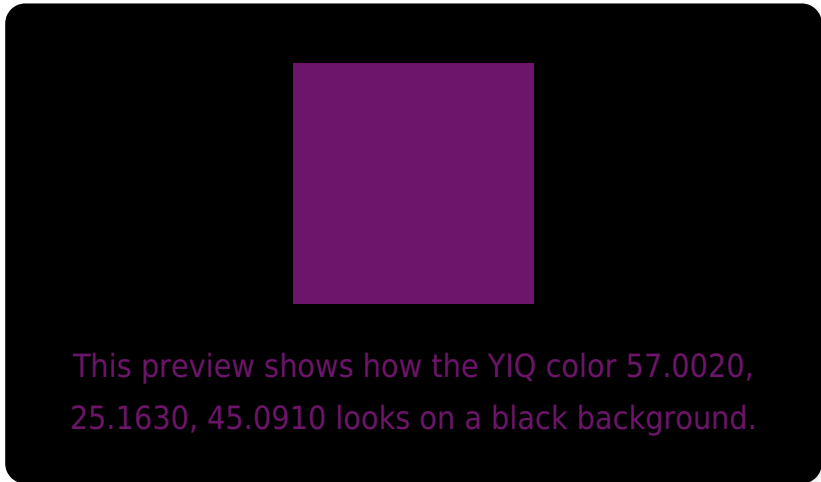
Large Text (above 18pt) WCAG AA ✓ Pass

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

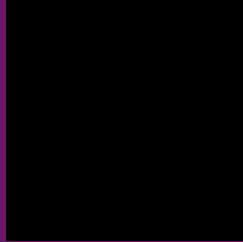
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.0020, 25.1630, 45.0910

Background



This preview shows how black text looks on a background with the YIQ color 57.0020, 25.1630, 45.0910.



This preview shows how white text looks on a background with the YIQ color 57.0020, 25.1630,

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

57.0020, 25.1630, 45.0910

Protanopia

51.3280, -59.1010, 8.3150

Deuteranopia

62.4230, -22.8800, 7.1680



Tritanopia

62.6840, 33.6050, 13.2290

Trichromacy



Original Color

57.0020, 25.1630, 45.0910

Protanomaly

53.4570, -28.2470, 21.8410

Deuteranomaly

60.1360, -5.4140, 21.0340

Tritanomaly

60.3930, 30.5310, 24.8910

Monochromacy



Original Color

57.0020, 25.1630, 45.0910

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1020, 9.1210, 16.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.0020, 25.1630, 45.0910 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(109, 21, 106)` looks like.

```
.text, #text, p{  
    color:rgb(109, 21, 106)  
}
```

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(109, 21, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 21, 106) }
```

Border

The CSS property to change the border of an element to YIQ 57.0020, 25.1630, 45.0910 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(109, 21, 106) }
```


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

```
.border{ border-color:rgb(109, 21, 106) }
```

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

Here you see how a box with a 4 pixel rgb(109, 21, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 21, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 21, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 21,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 57.0020, 25.1630, 45.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 21, 106) }
```

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

```
.background{ background-color: rgb(109, 21,  
106) }
```

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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