

Converting Colors

YIQ(51.7480, 64.2250, 53.0330)

Have a look what the booklet for
YIQ(51.7480, 64.2250, 53.0330)
contains.

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Color

**YIQ(51.7480, 64.2250,
53.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	920047
RGB	146, 0, 71
RGB Percent	57%, 0%, 28%
CMY	0.4271, 0.9999, 0.7214
CMYK	0.00, 1.00, 0.51, 0.43
HSL	331°, 100%, 29%
HSV	331°, 100%, 57%
XYZ	13.0108, 6.5757, 6.5533
YIQ	51.7480, 64.2250, 53.0330

Conversions

Conversions Part 2

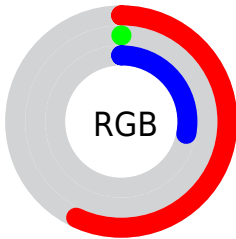
Format	Color
R_{YB}	146, 0, 71
Decimal	9568327
CIE Lab	30.82, 55.87, 2.35
CIE LCh	31, 55.922, 2.405
Yxy	6.5757, 0.4977, 0.2516
Android (android.graphics.Color)	4287758407 (0xFF920047)
YUV	51.7480, 9.4912, 82.6590
Hunter-Lab	25.6432, 45.6913, 2.7982

Details

The YIQ color **51.7480, 64.2250, 53.0330** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **94.2520, -64.2250, -53.0330**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.7120, 63.9060, 42.2900**, and **29.8030, 44.0560, 27.5760** is the 20% darker color. If you saturate the color by 10%, you get **51.7480, 64.2250, 53.0330**, and if you desaturate by 10%, it is **61.4650, 57.5320, 47.6760**.

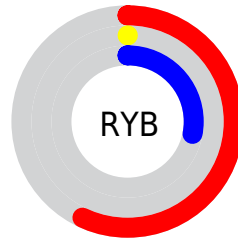
Distribution



Red (57%)

Green (0%)

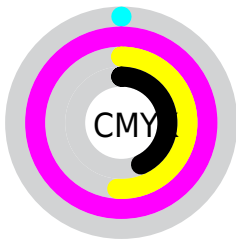
Blue (28%)



Red (57%)

Yellow (0%)

Blue (28%)

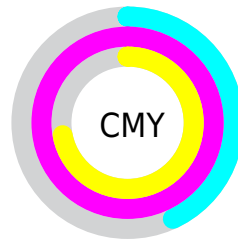


Cyan (0%)

Magenta (100%)

Yellow (51%)

Black (43%)



Cyan (43%)


Magenta (100%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 51.7480, 64.2250, 53.0330 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 51.7480, 64.2250, 53.0330 by changing the saturation by 10% instead.


 51.7480, 64.2250,
53.0330


 51.7480, 64.2250,
53.0330


255.0000, -0.0000,
-0.0000


 40.5690, 54.0030,
40.0430


 117.7120, 63.9060,
42.2900


 29.8030, 44.0560,
27.5760

 146.0820, 65.7400,
42.0920


 19.3640, 37.5020,
14.1900

 171.4620, 61.6140,
39.7740

 9.0840, 17.5590,
6.6710

 190.9760, 45.2470,
33.5270

 0.0000, 0.0000,
0.0000

 210.6040, 28.5590,
27.5910

 230.9330, 11.2750,

21.4430

247.9560, 3.3000,
6.2760

51.7480, 64.2250,
53.0330

61.4650, 57.5320,
47.6760

70.4810, 51.4350,
42.5310

80.1980, 44.7420,
37.1740

89.2140, 38.6450,
32.0290

98.9310, 31.9520,
26.6720

■ 108.5340, 25.5800,
21.0040

■ 117.6640, 19.1620,
16.1700

■ 127.2670, 12.7900,
10.5020

■ 136.9840, 6.0970,
5.1450

Harmonies

Analogous

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



68.2800, 30.2520, 46.4760



51.7480, 64.2250, 53.0330



60.9120, 68.4940, 25.2140

Triad

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



51.7480, 64.2250, 53.0330



60.9800, 1.6110, -34.7170



68.1690, -72.0750, 1.1490

Complementary

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



51.7480, 64.2250, 53.0330



94.2520, -64.2250, -53.0330

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.



66.9830, -63.2240, -10.5840



51.7480, 64.2250, 53.0330



54.8480, -33.1880, -37.3160

Square

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



51.7480, 64.2250, 53.0330



68.2770, 32.0520, -19.2120



61.9670, -49.1000, -24.2680



63.5530, -72.8560, 9.8000

Rectangle

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



51.7480, 64.2250, 53.0330



65.5730, 64.2340, 3.2900



61.9670, -49.1000, -24.2680



68.4310, -70.0570, -2.3850

Sweetspot

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



51.7480, 64.2250, 53.0330



152.2350, 24.9840, 20.7920



38.4710, -3.3580, 60.8820



72.1040, 14.8070, 12.4950



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.



51.7480, 64.2250, 53.0330



66.9990, 83.1120, 68.6800



43.6540, 87.0160, 30.9520



69.4350, 3.2090, 2.4170



48.9000, 60.7410, 50.0930



3.5600, 4.3550, 3.6750

Inverse Universe

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



51.7480, 64.2250, 53.0330



66.9990, 83.1120, 68.6800



102.3460, -87.0160, -30.9520



69.4350, 3.2090, 2.4170



48.9000, 60.7410, 50.0930



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 51.7480, 64.2250, 53.0330 looks on a white background.

Color Contrast Check

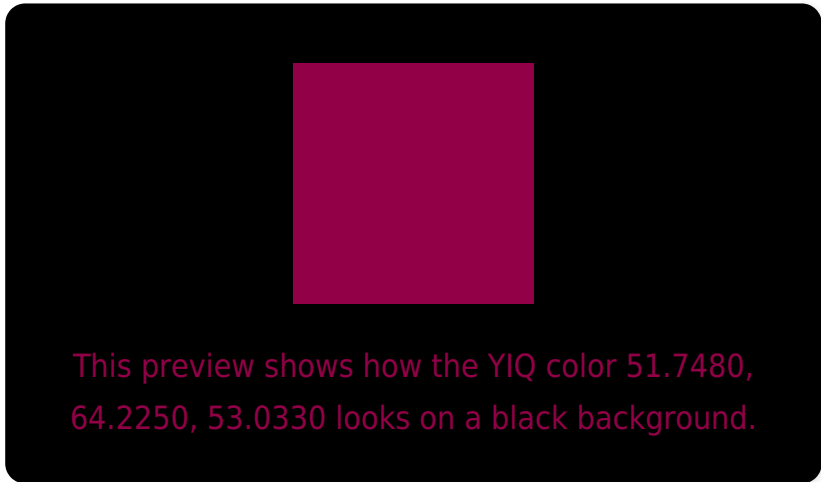
Large Text (above 18pt) WCAG AA ✓ Pass

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

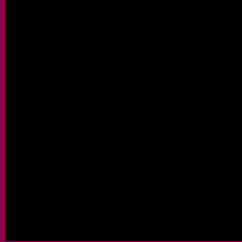
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.7480, 64.2250, 53.0330

Background



This preview shows how black text looks on a background with the YIQ color 51.7480, 64.2250, 53.0330.



This preview shows how white text looks on a background with the YIQ color 51.7480, 64.2250,

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

51.7480, 64.2250, 53.0330

Protanopia

76.0990, -13.1600, 7.2240

Deuteranopia

76.2740, 10.9120, 0.4800



Tritanopia

62.6840, 69.1360, 24.5920

Trichromacy



Original Color

51.7480, 64.2250, 53.0330

Protanomaly

67.2540, 14.8050, 23.5490

Deuteranomaly

66.9320, 30.2110, 19.6750

Tritanomaly

58.9370, 67.3460, 35.0100

Monochromacy



Original Color

51.7480, 64.2250, 53.0330

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8110, 23.2420, 19.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.7480, 64.2250, 53.0330 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(146, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(146, 0, 71)  
}
```

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(146, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 0, 71) }
```

Border

The CSS property to change the border of an element to YIQ 51.7480, 64.2250, 53.0330 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(146, 0, 71) }
```


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

```
.border{ border-color:rgb(146, 0, 71) }
```

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

Here you see how a box with a 4 pixel rgb(146, 0, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(146, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.7480, 64.2250, 53.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 0, 71) }
```

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

```
.background{ background-color: rgb(146, 0,  
71) }
```

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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