

Converting Colors

YIQ(50.1290, 58.3580, 43.7180)

Have a look what the booklet for
YIQ(50.1290, 58.3580, 43.7180)
contains.

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Color

**YIQ(50.1290, 58.3580,
43.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	85063C
RGB	133, 6, 60
RGB Percent	52%, 2%, 24%
CMY	0.4781, 0.9766, 0.7645
CMYK	0.00, 0.96, 0.55, 0.48
HSL	334°, 91%, 27%
HSV	334°, 96%, 52%
XYZ	10.5678, 5.4494, 4.7765
YIQ	50.1290, 58.3580, 43.7180

Conversions

Conversions Part 2

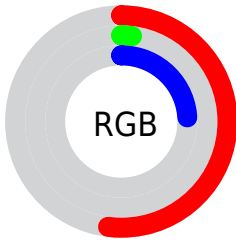
Format	Color
R_{YB}	133, 6, 60
Decimal	8717884
CIE Lab	27.98, 50.87, 5.29
CIE LCh	28, 51.140, 5.936
Yxy	5.4494, 0.5082, 0.2621
Android (android.graphics.Color)	4286907964 (0xFF85063C)
YUV	50.1290, 4.8664, 72.6779
Hunter-Lab	23.3439, 39.9556, 4.2091

Details

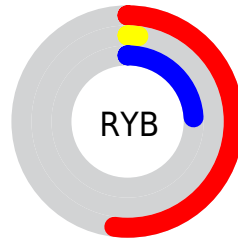
The YIQ color **50.1290, 58.3580, 43.7180** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **88.8710, -58.3580, -43.7180**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.5710, 59.6890, 36.1130**, and **25.0750, 40.1140, 21.9220** is the 20% darker color. If you saturate the color by 10%, you get **46.2650, 60.9710, 45.9230**, and if you desaturate by 10%, it is **58.6720, 52.2150, 39.4070**.

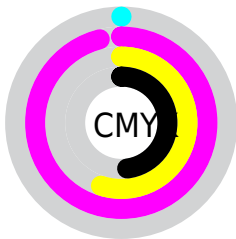
Distribution



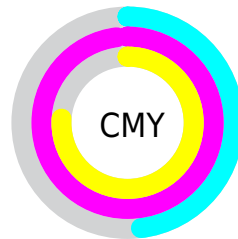
- Red (52%)
- Green (2%)
- Blue (24%)



- Red (52%)
- Yellow (2%)
- Blue (24%)



- Cyan (0%)
- Magenta (96%)
- Yellow (55%)
- Black (48%)



- Cyan (48%)
- Magenta (98%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.1290, 58.3580, 43.7180 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 50.1290, 58.3580, 43.7180 by changing the saturation by 10% instead.

■ 50.1290, 58.3580,
43.7180

■ 50.1290, 58.3580,
43.7180

■ 255.0000, -0.0000,
-0.0000

■ 35.8410, 50.0610,
34.3890

■ 111.5710, 59.6890,
36.1130

■ 25.0750, 40.1140,
21.9220

■ 139.2400, 62.1190,
36.1270

■ 15.7760, 30.3500,
11.6460

■ 167.0230, 64.2280,
36.4520

■ 0.0000, 0.0000,
0.0000


■ 187.7330, 50.2450,
31.0530


■ 207.3610, 33.5570,
25.1170


■ 226.9890, 16.8690,


19.1810


 245.6080, 4.4000,
8.3680


 50.1290, 58.3580,
43.7180


 50.1290, 58.3580,
43.7180


 46.2650, 60.9710,
45.9230

 58.6720, 52.2150,
39.4070

 67.6880, 46.1180,
34.2620

 76.2310, 39.9750,
29.9510

 84.7740, 33.8320,
25.6400

 93.7900, 27.7350,
20.4950

■ 102.3330, 21.5920,
16.1840

■ 110.8760, 15.4490,
11.8730

■ 119.3050, 9.6270,
7.2510

■ 128.4350, 3.2090,
2.4170

Harmonies

Analogous

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



61.8300, 31.3990, 42.2070



50.1290, 58.3580, 43.7180



57.5040, 60.6550, 18.5990

Triad

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



50.1290, 58.3580, 43.7180



53.8810, -2.4240, -33.1760



62.1050, -66.0230, 1.6010

Complementary

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



50.1290, 58.3580, 43.7180



88.8710, -58.3580, -43.7180

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.



60.9020, -58.5020, -8.0540



50.1290, 58.3580, 43.7180



51.0810, -32.2260, -32.7220

Square

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



50.1290, 58.3580, 43.7180



61.7540, 26.2750, -19.1410



57.0430, -46.2580, -20.7060



57.0330, -65.5200, 9.0080

Rectangle

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



50.1290, 58.3580, 43.7180



60.8000, 56.1650, 0.8450



57.0430, -46.2580, -20.7060



61.8940, -64.0510, -1.0990

Sweetspot

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



50.1290, 58.3580, 43.7180



140.4580, 22.7380, 17.4420



42.0060, 2.1450, 54.7610



66.7510, 14.3030, 10.6150



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



50.1290, 58.3580, 43.7180



60.1630, 79.3540, 59.6900



48.6690, 73.4920, 22.7400



62.0220, 2.9340, 1.8940



45.1400, 59.8250, 44.6650



1.0110, 1.4670, 0.9470

Inverse Universe

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



50.1290, 58.3580, 43.7180



60.1630, 79.3540, 59.6900



90.3310, -73.4920, -22.7400



62.0220, 2.9340, 1.8940



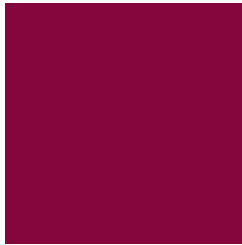
45.1400, 59.8250, 44.6650



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 50.1290, 58.3580, 43.7180 looks on a white background.

Color Contrast Check

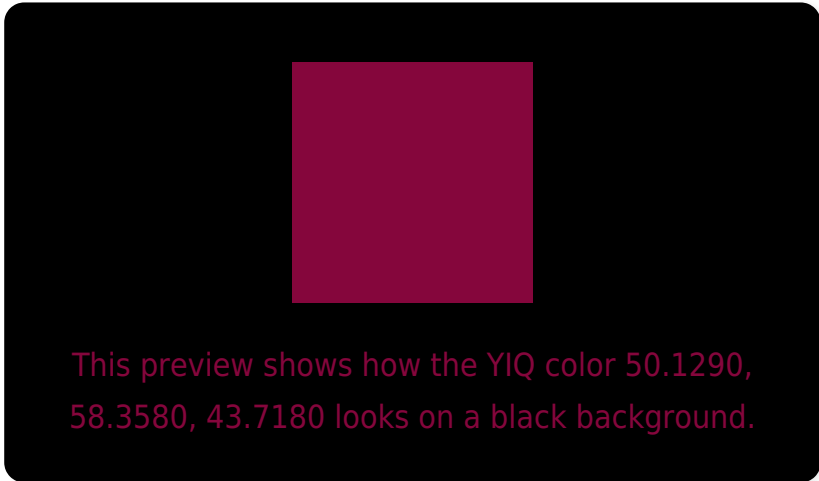
Large Text (above 18pt) WCAG AA ✓ Pass

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

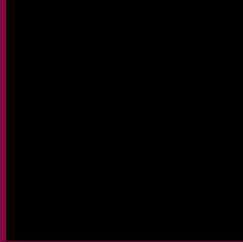
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.1290, 58.3580, 43.7180

Background



This preview shows how black text looks on a background with the YIQ color 50.1290, 58.3580, 43.7180.



This preview shows how white text looks on a background with the YIQ color 50.1290, 58.3580,

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

50.1290, 58.3580, 43.7180

Protanopia

68.9700, -8.4830, 5.0610

Deuteranopia

68.9320, 11.8750, -0.4530



Tritanopia

56.2920, 64.3680, 22.8960

Trichromacy



Original Color

50.1290, 58.3580, 43.7180

Protanomaly

61.8040, 15.9520, 19.2800

Deuteranomaly

61.9270, 28.6070, 15.7030

Tritanomaly

53.6650, 62.1200, 30.6000

Monochromacy



Original Color

50.1290, 58.3580, 43.7180

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

50.0340, 20.9960, 15.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.1290, 58.3580, 43.7180 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(133, 6, 60)` looks like.

```
.text, #text, p{  
    color:rgb(133, 6, 60)  
}
```

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(133, 6, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 6, 60) }
```

Border

The CSS property to change the border of an element to YIQ 50.1290, 58.3580, 43.7180 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(133, 6, 60) }
```


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

```
.border{ border-color:rgb(133, 6, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 6, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 6, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 6, 60);  
box-shadow:4px 4px 4px 4px rgb(133, 6, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 50.1290, 58.3580, 43.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 6, 60) }
```

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

```
.background{ background-color: rgb(133, 6,  
60) }
```

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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