

Converting Colors

YIQ(58.8780, 30.3030, 18.0070)

Have a look what the booklet for
YIQ(58.8780, 30.3030, 18.0070)
contains.

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Color

**YIQ(58.8780, 30.3030,
18.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	632738
RGB	99, 39, 56
RGB Percent	39%, 15%, 22%
CMY	0.6116, 0.8471, 0.7803
CMYK	0.00, 0.61, 0.43, 0.61
HSL	343°, 44%, 27%
HSV	343°, 61%, 39%
XYZ	6.5890, 4.3900, 4.2450
YIQ	58.8780, 30.3030, 18.0070

Conversions

Conversions Part 2

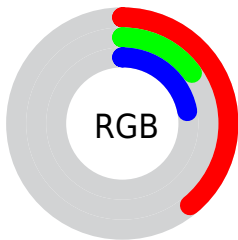
Format	Color
R_{YB}	99, 39, 56
Decimal	6498104
CIE _{Lab}	24.92, 29.01, 2.74
CIE _{LCh}	25, 29.144, 5.389
Yxy	4.3900, 0.4328, 0.2884
Android (android.graphics.Color)	4284688184 (0xFF632738)
YUV	58.8780, -1.4189, 35.1870
Hunter-Lab	20.9524, 19.4674, 2.6545

Details

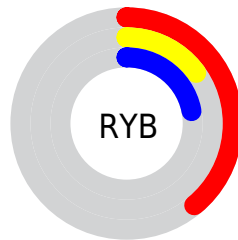
The YIQ color **58.8780, 30.3030, 18.0070** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.1220, -30.3030, -18.0070**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **108.2590, 33.6040, 18.7560**, and **16.3180, 25.9480, 14.3320** is the 20% darker color. If you saturate the color by 10%, you get **52.2100, 35.3000, 21.0600**, and if you desaturate by 10%, it is **65.5460, 25.3060, 14.9540**.

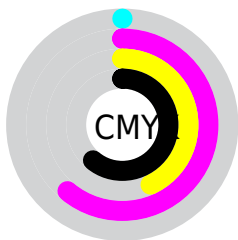
Distribution



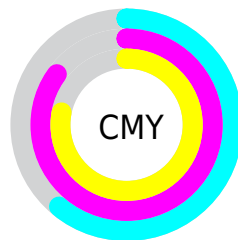
- Red (39%)
- Green (15%)
- Blue (22%)



- Red (39%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (43%)
- Black (61%)



- Cyan (61%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.8780, 30.3030, 18.0070 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 58.8780, 30.3030, 18.0070 by changing the saturation by 10% instead.

■ 58.8780, 30.3030,
18.0070

■ 58.8780, 30.3030,
18.0070

■ 255.0000, -0.0000,
-0.0000

■ 34.6220, 28.1480,
18.5160

■ 108.2590, 33.6040,
18.7560

■ 16.4320, 25.6270,
14.6430

■ 134.1560, 35.3920,
19.3920

■ 5.0830, 10.1320,
3.6040

■ 160.7540, 36.5840,
19.8160

■ 0.0000, 0.0000,
0.0000

■ 188.2380, 38.0970,
19.9290

■ 212.6610, 32.4120,
18.3320

■ 232.2890, 15.7240,

12.3960

251.4780, 1.6500,
3.1380

58.8780, 30.3030,
18.0070

58.8780, 30.3030,
18.0070

52.2100, 35.3000,
21.0600

65.5460, 25.3060,
14.9540

45.5420, 40.2970,
24.1130

72.2140, 20.3090,
11.9010

38.8740, 45.2940,
27.1660

78.8820, 15.3120,
8.8480

32.7930, 50.0160,
29.6960

85.5500, 10.3150,
5.7950

91.6310, 5.5930,
3.2650

■ 98.4130, 0.2750,
0.5230

■ 105.0810, -4.7220,
-2.5300

■ 111.7490, -9.7190,
-5.5830

■ 118.4170,
-14.7160, -8.6360

Harmonies

Analogous

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



60.7440, 16.1810, 20.6370



58.8780, 30.3030, 18.0070



58.2340, 34.7520, 8.9600

Triad

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



58.8780, 30.3030, 18.0070



53.7050, 1.6080, -18.1360



50.0280, -49.9290, -3.7290

Complementary

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



58.8780, 30.3030, 18.0070



79.1220, -30.3030, -18.0070

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.



50.0790, -45.9390, -9.9630



58.8780, 30.3030, 18.0070



46.8570, -28.2390, -22.3750

Square

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



58.8780, 30.3030, 18.0070



56.0340, 19.8550, -12.9210



48.2720, -39.4730, -17.0170



52.9420, -37.6430, 4.8930

Rectangle

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



58.8780, 30.3030, 18.0070



57.7080, 33.0570, 1.1290



48.2720, -39.4730, -17.0170



50.7460, -49.1950, -6.0190

Sweetspot

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



58.8780, 30.3030, 18.0070



112.5610, 11.7820, 6.7420



58.3980, 5.7720, 27.5640



54.6420, 7.0600, 4.2120



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



58.8780, 30.3030, 18.0070



65.1840, 47.3570, 28.3250



63.9840, 32.4600, 6.4440



45.3100, 2.0630, 1.1590



37.1360, 56.4800, 33.6960



79.5120, 121.2120, 72.0280

Inverse Universe

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



58.8780, 30.3030, 18.0070



65.1840, 47.3570, 28.3250



74.0160, -32.4600, -6.4440



45.3100, 2.0630, 1.1590



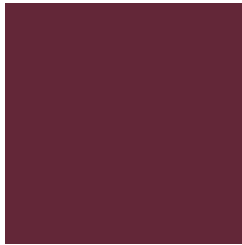
37.1360, 56.4800, 33.6960



79.5120, 121.2120, 72.0280

Previews

White Background



This preview shows how the YIQ color 58.8780, 30.3030, 18.0070 looks on a white background.

Color Contrast Check

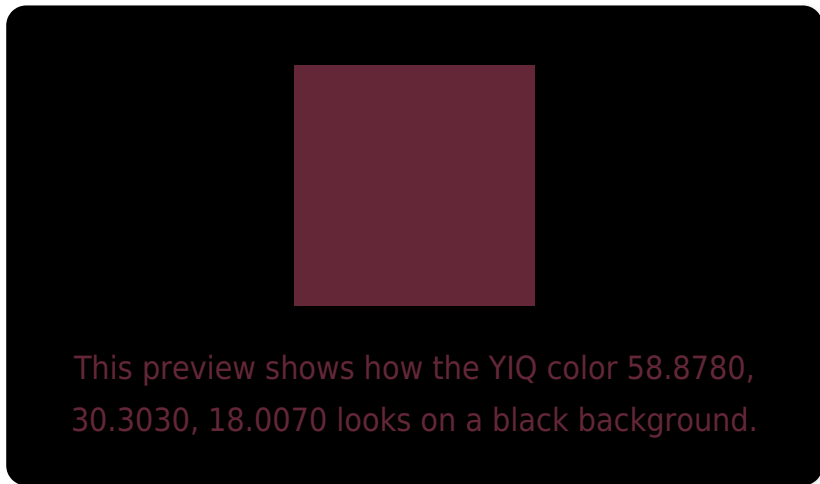
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.8780, 30.3030, 18.0070

Background



This preview shows how black text looks on a background with the YIQ color 58.8780, 30.3030, 18.0070.



This preview shows how white text looks on a background with the YIQ color 58.8780, 30.3030,

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

58.8780, 30.3030, 18.0070

Protanopia

60.6130, -3.1640, 2.2760

Deuteranopia

60.4200, 7.5650, 0.5650



Tritanopia

58.3850, 33.0090, 13.0170

Trichromacy



Original Color

58.8780, 30.3030, 18.0070

Protanomaly

59.9460, 9.2600, 8.3960

Deuteranomaly

59.7140, 15.7250, 6.8690

Tritanomaly

58.2540, 32.0000, 14.7840

Monochromacy



Original Color

58.8780, 30.3030, 18.0070

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.2620, 11.1860, 6.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.8780, 30.3030, 18.0070 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(99, 39, 56)` looks like.

```
.text, #text, p{  
    color:rgb(99, 39, 56)  
}
```

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(99, 39, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 39, 56) }
```

Border

The CSS property to change the border of an element to YIQ 58.8780, 30.3030, 18.0070 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(99, 39, 56) }
```


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

```
.border{ border-color:rgb(99, 39, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 39, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 39, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 39, 56);  
box-shadow:4px 4px 4px 4px rgb(99, 39, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.8780, 30.3030, 18.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 39, 56) }
```

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

```
.background{ background-color: rgb(99, 39,  
56) }
```

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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