

Converting Colors

YIQ(58.4520, 30.9020, 1.6380)

Have a look what the booklet for
YIQ(58.4520, 30.9020, 1.6380)
contains.

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Color

**YIQ(58.4520, 30.9020,
1.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	59311B
RGB	89, 49, 27
RGB Percent	35%, 19%, 11%
CMY	0.6509, 0.8079, 0.8940
CMYK	0.00, 0.45, 0.70, 0.65
HSL	21°, 53%, 23%
HSV	21°, 70%, 35%
XYZ	5.4177, 4.3994, 1.6027
YIQ	58.4520, 30.9020, 1.6380

Conversions

Conversions Part 2

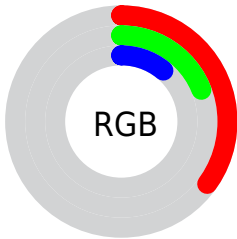
Format	Color
RYB	89, 61, 27
Decimal	5845275
CIELab	24.95, 15.92, 21.59
CIELCh	25, 26.821, 53.602
Yxy	4.3994, 0.4744, 0.3852
Android (android.graphics.Color)	4284035355 (0xFF59311B)
YUV	58.4520, -15.5058, 26.7906
Hunter-Lab	20.9747, 9.3999, 10.1519

Details

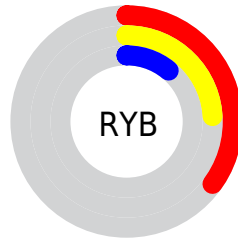
The YIQ color **58.4520, 30.9020, 1.6380** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **57.5480, -30.9020, -1.6380**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.9040, 35.4410, 1.9770**, and **14.8950, 22.4650, 5.8650** is the 20% darker color. If you saturate the color by 10%, you get **53.9040, 35.4410, 1.9770**, and if you desaturate by 10%, it is **63.0000, 26.3630, 1.2990**.

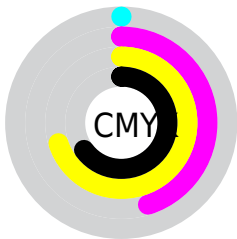
Distribution



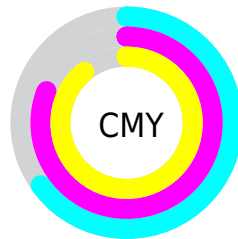
- Red (35%)
- Green (19%)
- Blue (11%)



- Red (35%)
- Yellow (24%)
- Blue (11%)



- Cyan (0%)
- Magenta (45%)
- Yellow (70%)
- Black (65%)



- Cyan (65%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.4520, 30.9020, 1.6380 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 58.4520, 30.9020, 1.6380 by changing the saturation by 10% instead.

■ 58.4520, 30.9020,
1.6380

■ 58.4520, 30.9020,
1.6380

255.0000, -0.0000,
-0.0000

■ 35.2130, 30.0770,
0.0690

■ 106.9040, 35.4410,
1.9770

■ 14.8950, 22.4650,
5.8650

■ 132.6870, 37.5500,
2.3020

■ 0.0000, 0.0000,
0.0000

■ 158.5840, 39.3380,
2.9380

■ 185.7690, 40.2550,
2.8390

■ 213.2530, 41.7680,
2.9520

■ 233.4680, 24.8050,

-3.5070

■ 251.9220, 8.6670,
-8.3970

■ 58.4520, 30.9020,
1.6380

■ 58.4520, 30.9020,
1.6380

■ 53.9040, 35.4410,
1.9770

■ 63.0000, 26.3630,
1.2990

■ 49.3560, 39.9800,
2.3160

■ 66.9610, 22.0990,
1.4830

■ 45.3950, 44.2440,
2.1320

■ 71.5090, 17.5600,
1.1440

■ 76.0570, 13.0210,
0.8050

■ 80.6050, 8.4820,
0.4660

■ 84.4520, 4.5390,
0.3390

■ 89.0000, -0.0000,
-0.0000

■ 93.5480, -4.5390,
-0.3390

■ 98.0960, -9.0780,
-0.6780

Harmonies

Analogous

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



58.9610, 31.2670, 11.5470



58.4520, 30.9020, 1.6380



57.5230, 22.9720, -8.8360

Triad

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



58.4520, 30.9020, 1.6380



46.6590, -36.3090, -19.2930



59.6630, -14.6280, 11.8040

Complementary

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



58.4520, 30.9020, 1.6380



57.5480, -30.9020, -1.6380

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.



48.2670, -49.1040, -2.1600



58.4520, 30.9020, 1.6380



49.0530, -43.0500, -12.7620

Square

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



58.4520, 30.9020, 1.6380



52.1750, -11.4590, -18.1070



49.7030, -47.6360, -6.7400



60.9710, 8.1120, 18.1920

Rectangle

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



58.4520, 30.9020, 1.6380



56.2830, 14.7200, -13.4720



49.7030, -47.6360, -6.7400



57.2920, -23.8890, 8.9350

Sweetspot

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



58.4520, 30.9020, 1.6380



102.8720, 12.1040, 0.9040



50.0980, 24.1120, 25.5840



51.4200, 7.5650, 0.5650



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



58.4520, 30.9020, 1.6380



66.9610, 48.4620, 2.7820



76.6490, 22.3770, -14.5750



41.3700, 1.8340, -0.1980



54.2990, 53.3220, 2.8100



118.9860, 117.2350, 6.4110

Inverse Universe

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



57.5480, -30.9020, -1.6380



66.0390, -48.4620, -2.7820



39.3510, -22.3770, 14.5750



41.2170, -2.1090, -0.3250



52.7010, -53.3220, -2.8100



116.0140, -117.2350, -6.4110

Previews

White Background



This preview shows how the YIQ color 58.4520, 30.9020, 1.6380 looks on a white background.

Color Contrast Check

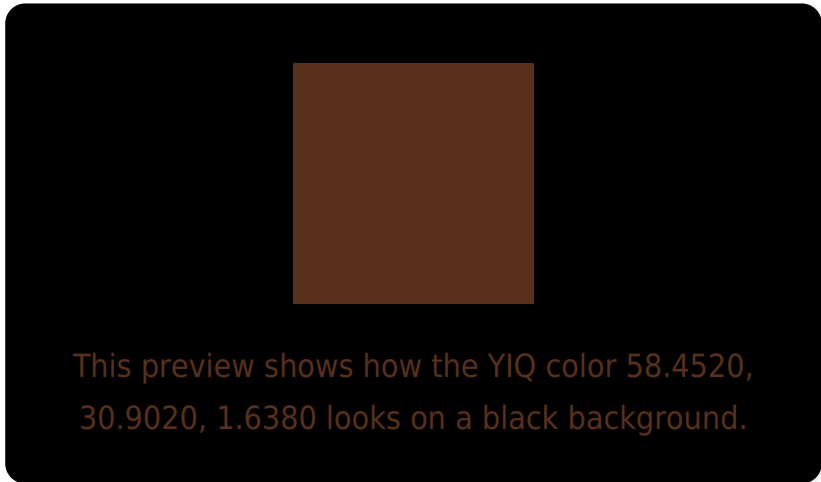
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.4520, 30.9020, 1.6380

Background



This preview shows how black text looks on a background with the YIQ color 58.4520, 30.9020, 1.6380.

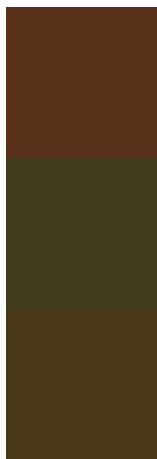


This preview shows how white text looks on a background with the YIQ color 58.4520, 30.9020,

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

58.4520, 30.9020, 1.6380

Protanopia

58.3740, 13.2060, -8.0580

Deuteranopia

58.4350, 20.4040, -6.3480



Tritanopia

59.6120, 24.9400, 10.5720

Trichromacy



Original Color

58.4520, 30.9020, 1.6380

Protanomaly

58.3040, 19.3950, -4.5810

Deuteranomaly

58.2830, 23.8880, -3.4080

Tritanomaly

59.2870, 27.2330, 7.5610

Monochromacy



Original Color

58.4520, 30.9020, 1.6380

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.2740, 10.9120, 0.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.4520, 30.9020, 1.6380 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(89, 49, 27)` looks like.

```
.text, #text, p{  
    color:rgb(89, 49, 27)  
}
```

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(89, 49, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 49, 27) }
```

Border

The CSS property to change the border of an element to YIQ 58.4520, 30.9020, 1.6380 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(89, 49, 27) }
```


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

```
.border{ border-color:rgb(89, 49, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 49, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 49, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 49, 27);  
box-shadow:4px 4px 4px 4px rgb(89, 49, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.4520, 30.9020, 1.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 49, 27) }
```

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

```
.background{ background-color: rgb(89, 49,  
27) }
```

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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