

Converting Colors

YIQ(60.4930, 59.1880, 17.6520)

Have a look what the booklet for
YIQ(60.4930, 59.1880, 17.6520)
contains.

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Color

**YIQ(60.4930, 59.1880,
17.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	802119
RGB	128, 33, 25
RGB Percent	50%, 13%, 10%
CMY	0.4978, 0.8707, 0.9017
CMYK	0.00, 0.74, 0.80, 0.50
HSL	5°, 67%, 30%
HSV	5°, 80%, 50%
XYZ	9.6295, 5.7495, 1.5254
YIQ	60.4930, 59.1880, 17.6520

Conversions

Conversions Part 2

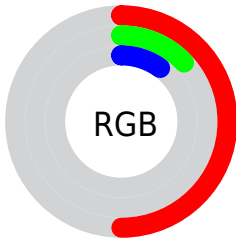
Format	Color
R_{YB}	128, 34, 25
Decimal	8397081
CIE _{Lab}	28.77, 40.11, 28.98
CIE _{LCh}	29, 49.483, 35.847
Yxy	5.7495, 0.5696, 0.3401
Android (android.graphics.Color)	4286587161 (0xFF802119)
YUV	60.4930, -17.4980, 59.2036
Hunter-Lab	23.9781, 29.7225, 13.0128

Details

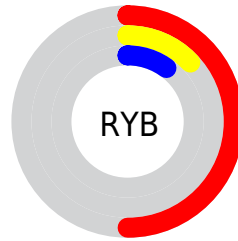
The YIQ color **60.4930, 59.1880, 17.6520** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **92.5070, -59.1880, -17.6520**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **113.6740, 65.9280, 16.6480**, and **21.2290, 42.3160, 15.0520** is the 20% darker color. If you saturate the color by 10%, you get **51.9670, 66.6610, 19.8850**, and if you desaturate by 10%, it is **69.0190, 51.7150, 15.4190**.

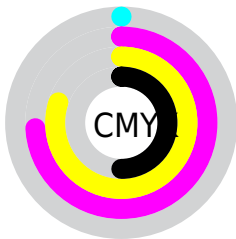
Distribution



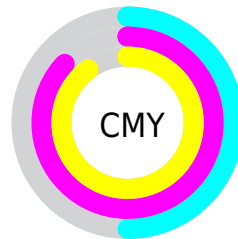
- Red (50%)
- Green (13%)
- Blue (10%)



- Red (50%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.4930, 59.1880, 17.6520 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 60.4930, 59.1880, 17.6520 by changing the saturation by 10% instead.

60.4930, 59.1880,
17.6520

60.4930, 59.1880,
17.6520

254.8860, 0.3210,
-0.3110

29.9000, 59.6000,
21.2000

113.6740, 65.9280,
16.6480

21.2290, 42.3160,
15.0520

140.0550, 69.2290,
17.3970

13.9820, 26.7740,
10.3740

167.7240, 71.6590,
17.4110

0.0000, 0.0000,
0.0000

188.8150, 60.9770,
12.7610

208.3290, 44.6100,
6.5140

227.8430, 28.2430,

0.2670

■ 248.0580, 11.2800,
-6.1920

■ 60.4930, 59.1880,
17.6520

■ 60.4930, 59.1880,
17.6520

■ 51.9670, 66.6610,
19.8850

■ 69.0190, 51.7150,
15.4190

■ 44.1420, 73.5380,
21.9060

■ 77.5450, 44.2420,
13.1860

■ 85.3700, 37.3650,
11.1650

■ 93.8960, 29.8920,
8.9320

■ 102.4220, 22.4190,
6.6990

■ 110.9480, 14.9460,
4.4660

■ 119.4740, 7.4730,
2.2330

■ 128.0000, -0.0000,
-0.0000

■ 135.8250, -6.8770,
-2.0210

Harmonies

Analogous

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



56.2270, 54.9660, 39.1100



60.4930, 59.1880, 17.6520



63.9900, 49.5180, -5.3460

Triad

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



60.4930, 59.1880, 17.6520



52.0100, -33.4640, -32.3120



57.6200, -65.7950, 8.4850

Complementary

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



60.4930, 59.1880, 17.6520



92.5070, -59.1880, -17.6520

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.



62.6920, -66.2980, 1.0780



60.4930, 59.1880, 17.6520



57.8580, -47.1750, -20.6070

Square

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



60.4930, 59.1880, 17.6520



56.2510, -0.5900, -33.3740



62.0760, -59.0520, -9.1000



69.3560, -11.6050, 28.6110

Rectangle

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



60.4930, 59.1880, 17.6520



63.8800, 34.8480, -14.8160



62.0760, -59.0520, -9.1000



59.9680, -66.8950, 6.3930

Sweetspot

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



60.4930, 59.1880, 17.6520



139.7210, 23.0150, 6.9110



66.7410, 30.5720, 51.6920



68.3500, 13.7540, 4.0420



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



60.4930, 59.1880, 17.6520



60.1830, 92.6560, 27.8560



89.8430, 45.4380, -8.4980



59.6800, 3.8970, 0.9610



44.1420, 73.5380, 21.9060



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.5070, -59.1880, -17.6520



110.2300, -92.3810, -27.3330



63.1570, -45.4380, 8.4980



61.3200, -3.8970, -0.9610



83.8580, -73.5380, -21.9060



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 60.4930, 59.1880, 17.6520 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

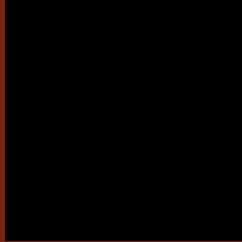
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.4930, 59.1880, 17.6520

Background



This preview shows how black text looks on a background with the YIQ color 60.4930, 59.1880, 17.6520.



This preview shows how white text looks on a background with the YIQ color 60.4930, 59.1880,

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

60.4930, 59.1880, 17.6520

Protanopia

67.5160, 15.6820, -8.8780

Deuteranopia

66.5790, 28.5660, -11.0980



Tritanopia

60.8180, 56.8950, 20.6630

Trichromacy



Original Color

60.4930, 59.1880, 17.6520

Protanomaly

65.1100, 31.8650, 0.7050

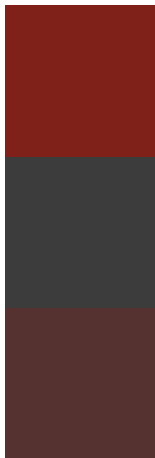
Deuteranomaly

64.3620, 39.8430, -0.7090

Tritanomaly

60.4760, 57.8580, 19.7300

Monochromacy



Original Color

60.4930, 59.1880, 17.6520

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.1230, 21.8230, 6.4870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.4930, 59.1880, 17.6520 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(128, 33, 25)` looks like.

```
.text, #text, p{  
    color:rgb(128, 33, 25)  
}
```

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(128, 33, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 33, 25) }
```

Border

The CSS property to change the border of an element to YIQ 60.4930, 59.1880, 17.6520 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(128, 33, 25) }
```


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

```
.border{ border-color:rgb(128, 33, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 33, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 33, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 33, 25);  
box-shadow:4px 4px 4px 4px rgb(128, 33,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 60.4930, 59.1880, 17.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 33, 25) }
```

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

```
.background{ background-color: rgb(128, 33,  
25) }
```

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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