

Converting Colors

YIQ(118.4910, 8.8030, 0.1550)

Have a look what the booklet for
YIQ(118.4910, 8.8030, 0.1550)
contains.

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Color

**YIQ(118.4910, 8.8030,
0.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	7F746D
RGB	127, 116, 109
RGB Percent	50%, 45%, 43%
CMY	0.5019, 0.5451, 0.5725
CMYK	0.00, 0.09, 0.14, 0.50
HSL	23°, 8%, 46%
HSV	23°, 14%, 50%
XYZ	17.7590, 18.1065, 17.0298
YIQ	118.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

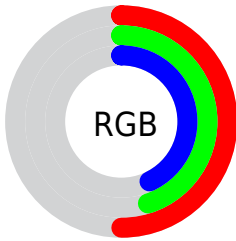
Format	Color
R_{YB}	127, 120, 109
Decimal	8352877
CIE Lab	49.63, 2.98, 5.39
CIE LCh	50, 6.157, 61.078
Yxy	18.1065, 0.3357, 0.3423
Android (android.graphics.Color)	4286542957 (0xFF7F746D)
YUV	118.4910, -4.6791, 7.4624
Hunter-Lab	42.5517, 0.0313, 6.0575

Details

The YIQ color **118.4910, 8.8030, 0.1550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.5090, -8.8030, -0.1550**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6760, 9.7200, 0.0560**, and **70.3060, 7.8860, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **112.3130, 15.1760, 0.2960**, and if you desaturate by 10%, it is **124.6690, 2.4300, 0.0140**.

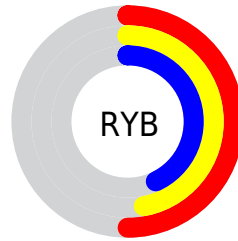
Distribution



Red (50%)

Green (45%)

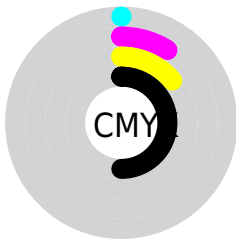
Blue (43%)



Red (50%)

Yellow (47%)

Blue (43%)

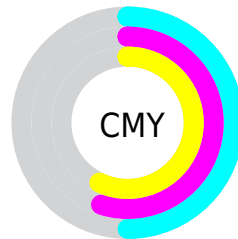


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.4910, 8.8030, 0.1550 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 118.4910, 8.8030, 0.1550 by changing the saturation by 10% instead.

■ 118.4910, 8.8030,
0.1550

■ 118.4910, 8.8030,
0.1550

■ 255.0000, -0.0000,
-0.0000

■ 93.6050, 8.4820,
0.4660

■ 170.6760, 9.7200,
0.0560

■ 70.3060, 7.8860,
0.2540

■ 197.6760, 9.7200,
0.0560

■ 48.0070, 7.2900,
0.0420

■ 225.9750, 10.3160,
0.2680

■ 26.7080, 6.6940,
-0.1700

■ 251.9850, 4.3560,
-1.8520

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 118.4910, 8.8030,
0.1550

■ 118.4910, 8.8030,
0.1550

■ 112.3130, 15.1760,
0.2960

■ 124.6690, 2.4300,
0.0140

■ 106.2490, 21.2280,
0.7480

■ 130.7330, -3.6220,
-0.4380

■ 100.6580, 27.3260,
0.3660

■ 136.3240, -9.7200,
-0.0560

■ 94.4800, 33.6990,
0.5070

■ 142.5020,
-16.0930, -0.1970

■ 88.4160, 39.7510,
0.9590

■ 148.6800,
-22.4660, -0.3380

■ 82.2380, 46.1240,
1.1000

■ 154.7440,
-28.5180, -0.7900

■ 76.6470, 52.2220,
0.7180

■ 160.3350,
-34.6160, -0.4080

■ 70.4690, 58.5950,

■ 166.5130,

0.8590

-40.9890, -0.5490

■ 66.7360, 62.2170,
1.2970

■ 172.5770,
-47.0410, -1.0010

Harmonies

Analogous

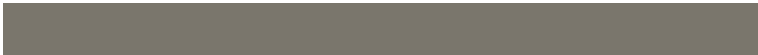
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118.9580, 8.9860, 2.3460



118.4910, 8.8030, 0.1550



118.0560, 5.5940, -2.2620

Triad

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



118.4910, 8.8030, 0.1550



116.1730, -7.9770, -4.1130



118.7380, -2.0180, 3.5340

Complementary

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



118.4910, 8.8030, 0.1550



117.5090, -8.8030, -0.1550

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.



117.6450, -6.1900, 2.0500



118.4910, 8.8030, 0.1550



116.4440, -10.1780, -2.7700

Square

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



118.4910, 8.8030, 0.1550



116.7990, -3.9880, -4.8200



117.2100, -9.3990, -0.3670



118.9020, 3.3920, 4.6080

Rectangle

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



118.4910, 8.8030, 0.1550



117.4470, 2.9350, -3.6330



117.2100, -9.3990, -0.3670



118.2540, -3.5310, 3.4210

Sweetspot

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



118.4910, 8.8030, 0.1550



162.8540, 3.3470, -0.0850



115.6360, 7.1970, 7.2370



82.3700, 1.8340, -0.1980



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.



118.4910, 8.8030, 0.1550



152.8290, 13.6630, 0.1830



123.7740, 6.3280, -4.5520



60.8540, 3.3470, -0.0850



67.6220, 62.5380, 0.9860



0.0000, 0.0000, 0.0000

Inverse Universe

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



117.5090, -8.8030, -0.1550



151.1710, -13.6630, -0.1830



112.2260, -6.3280, 4.5520



60.1460, -3.3470, 0.0850



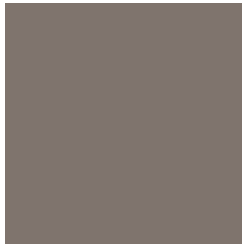
60.3780, -62.5380, -0.9860



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.4910, 8.8030, 0.1550 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 × Fail

Black Background



This preview shows how the YIQ color 118.4910, 8.8030, 0.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

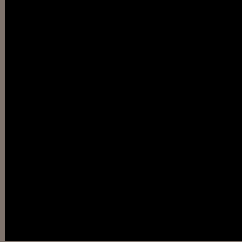
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.4910, 8.8030, 0.1550

Background



This preview shows how black text looks on a background with the YIQ color 118.4910, 8.8030, 0.1550.



This preview shows how white text looks on a background with the YIQ color 118.4910, 8.8030,

0.1550.

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

118.4910, 8.8030, 0.1550

Protanopia

118.2840, 4.9520, -1.6400

Deuteranopia

119.1110, 12.9290, 2.4730



Tritanopia

119.5110, 6.0510, 5.9790

Trichromacy



Original Color

118.4910, 8.8030, 0.1550

Protanomaly

118.2950, 6.4190, -0.6930

Deuteranomaly

119.1000, 11.4620, 1.5260

Tritanomaly

119.2290, 6.7850, 3.6890

Monochromacy



Original Color

118.4910, 8.8030, 0.1550

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4910, 8.8030, 0.1550 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(127, 116, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 109)  
}
```

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(127, 116, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 109) }
```

Border

The CSS property to change the border of an element to YIQ 118.4910, 8.8030, 0.1550 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(127, 116, 109) }
```


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

```
.border{ border-color:rgb(127, 116, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 116, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 116, 109); box-shadow:4px 4px 4px 4px rgb(127, 116, 109) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4910, 8.8030, 0.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 109) }
```

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

```
.background{ background-color: rgb(127,  
116, 109) }
```

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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