

Converting Colors

YIQ(112.8310, 2.1540, 5.0180)

Have a look what the booklet for
YIQ(112.8310, 2.1540, 5.0180)
contains.

YIQ(112.8310, 2.1540, 5.0180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(112.8310, 2.1540,
5.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	766D77
RGB	118, 109, 119
RGB Percent	46%, 43%, 47%
CMY	0.5372, 0.5726, 0.5333
CMYK	0.01, 0.08, 0.00, 0.53
HSL	294°, 4%, 45%
HSV	294°, 8%, 47%
XYZ	16.2702, 16.1204, 19.7069
YIQ	112.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

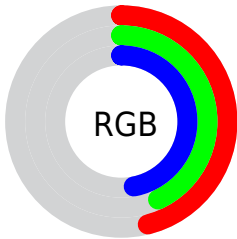
Format	Color
R_{YB}	118, 109, 119
Decimal	7761271
CIE Lab	47.13, 5.50, -4.28
CIE LCh	47, 6.972, 322.100
Yxy	16.1204, 0.3123, 0.3094
Android (android.graphics.Color)	4285951351 (0xFF766D77)
YUV	112.8310, 3.0413, 4.5332
Hunter-Lab	40.1503, 2.0711, -0.9960

Details

The YIQ color **112.8310, 2.1540, 5.0180** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.1690, -2.1540, -5.0180**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2440, 2.4290, 5.5410**, and **65.4180, 1.8790, 4.4950** is the 20% darker color. If you saturate the color by 10%, you get **105.4880, 4.8580, 11.0820**, and if you desaturate by 10%, it is **120.1740, -0.5500, -1.0460**.

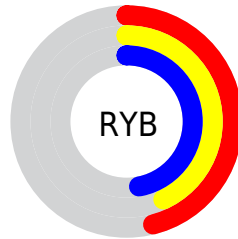
Distribution



Red (46%)

Green (43%)

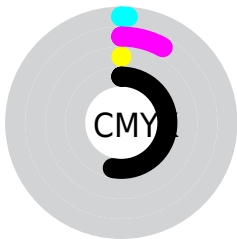
Blue (47%)



Red (46%)

Yellow (43%)

Blue (47%)

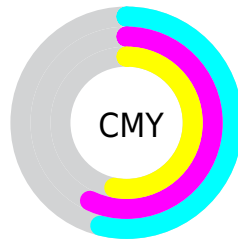


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.8310, 2.1540, 5.0180 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 112.8310, 2.1540, 5.0180 by changing the saturation by 10% instead.

■ 112.8310, 2.1540,
5.0180

■ 112.8310, 2.1540,
5.0180

255.0000, -0.0000,
-0.0000

■ 88.4180, 1.8790,
4.4950

■ 164.2440, 2.4290,
5.5410

■ 65.4180, 1.8790,
4.4950

■ 191.2440, 2.4290,
5.5410

■ 43.0050, 1.6040,
3.9720

■ 219.2440, 2.4290,
5.5410

■ 22.3040, 2.2000,
4.1840

■ 248.2440, 2.4290,
5.5410

■ 0.0000, 0.0000,
0.0000

■ 112.8310, 2.1540,

■ 112.8310, 2.1540,

5.0180

■ 105.4880, 4.8580,
11.0820

■ 98.1450, 7.5620,
17.1460

■ 90.5030, 9.6700,
22.9980

■ 83.1600, 12.3740,
29.0620

■ 75.8170, 15.0780,
35.1260

■ 69.0610, 17.5070,
40.6670

■ 61.7180, 20.2110,
46.7310

■ 54.3750, 22.9150,
52.7950

5.0180

■ 120.1740, -0.5500,
-1.0460

■ 127.5170, -3.2540,
-7.1100

■ 135.1590, -5.3620,
-12.9620

■ 142.5020, -8.0660,
-19.0260

■ 149.2580,
-10.4950, -24.5670

■ 156.6010,
-13.1990, -30.6310

■ 163.9440,
-15.9030, -36.6950

■ 171.2870,
-18.6070, -42.7590

■ 46.7330, 25.0230,
58.6470

■ 178.9290,
-20.7150, -48.6110

Harmonies

Analogous

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



112.3680, -3.8520, 3.7320



112.8310, 2.1540, 5.0180



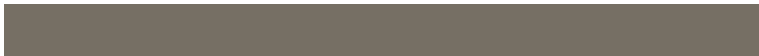
113.1690, 7.0140, 5.0460

Triad

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



112.8310, 2.1540, 5.0180



111.8390, 7.7030, -1.9370



109.7320, -11.0490, -3.5050

Complementary

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



112.8310, 2.1540, 5.0180



115.1690, -2.1540, -5.0180

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.



109.9450, -7.3350, -4.7350



112.8310, 2.1540, 5.0180



111.3330, 3.2560, -3.9440

Square

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



112.8310, 2.1540, 5.0180



112.5020, 10.2700, 1.1020



110.1690, -2.1540, -5.0180



110.3130, -11.1870, -1.0030

Rectangle

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



112.8310, 2.1540, 5.0180



113.0120, 8.8940, 4.0140



110.1690, -2.1540, -5.0180



109.8030, -9.8110, -3.9150

Sweetspot

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



112.8310, 2.1540, 5.0180



152.7660, 0.7790, 2.4030



110.7270, -3.4850, 2.5870



77.2390, 0.8250, 1.5690



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



112.8310, 2.1540, 5.0180



146.0100, 3.2080, 7.9440



112.6740, 4.0340, 3.9860



55.1790, 1.0540, 2.9260



46.7980, 26.3980, 61.2620



95.7750, 53.8500, 125.4500

Inverse Universe

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



112.1040, 5.6390, 2.4310



145.0120, 8.8940, 4.0140



115.3260, -4.0340, -3.9860



54.7940, 3.5760, 1.2720



37.8460, 68.8600, 29.5960



77.6000, 140.9750, 60.7750

Previews

White Background



This preview shows how the YIQ color 112.8310, 2.1540, 5.0180 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 112.8310, 2.1540, 5.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

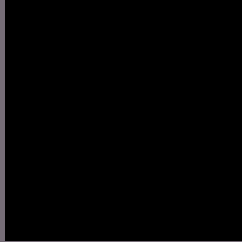
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.8310, 2.1540, 5.0180

Background



This preview shows how black text looks on a background with the YIQ color 112.8310, 2.1540, 5.0180.



This preview shows how white text looks on a background with the YIQ color 112.8310, 2.1540,

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

112.8310, 2.1540, 5.0180

Protanopia

112.0260, -2.8890, 2.7990

Deuteranopia

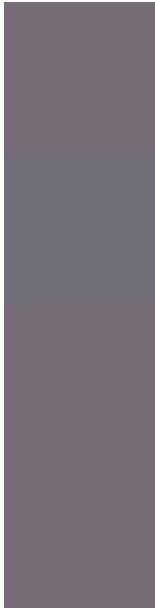
113.1300, 2.7500, 5.2300



Tritanopia

112.7170, 2.4750, 4.7070

Trichromacy



Original Color

112.8310, 2.1540, 5.0180

Protanomaly

112.3360, -0.8260, 3.9580

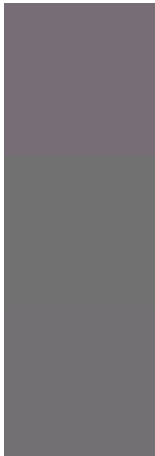
Deuteranomaly

113.1300, 2.7500, 5.2300

Tritanomaly

112.7170, 2.4750, 4.7070

Monochromacy



Original Color

112.8310, 2.1540, 5.0180

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2390, 0.8250, 1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8310, 2.1540, 5.0180 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(118, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 119)  
}
```

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(118, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 119) }
```

Border

The CSS property to change the border of an element to YIQ 112.8310, 2.1540, 5.0180 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(118, 109, 119) }
```


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

```
.border{ border-color:rgb(118, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 109,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8310, 2.1540, 5.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 109, 119) }
```

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

```
.background{ background-color: rgb(118,  
109, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor