

Converting Colors

YIQ(108.5410, -11.8290,
-0.3810)

Have a look what the booklet for
YIQ(108.5410, -11.8290, -0.3810)
contains.

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Color

**YIQ(108.5410, -11.8290,
-0.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	617079
RGB	97, 112, 121
RGB Percent	38%, 44%, 47%
CMY	0.6196, 0.5607, 0.5255
CMYK	0.20, 0.07, 0.00, 0.53
HSL	202°, 11%, 43%
HSV	202°, 20%, 47%
XYZ	14.1742, 15.5108, 20.3316
YIQ	108.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

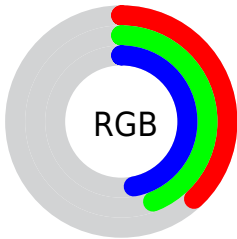
Format	Color
R_{YB}	97, 106, 121
Decimal	6385785
CIE _{Lab}	46.33, -3.50, -6.86
CIE _{LCh}	46, 7.696, 242.967
Yxy	15.5108, 0.2834, 0.3101
Android (android.graphics.Color)	4284575865 (0xFF617079)
YUV	108.5410, 6.1423, -10.1215
Hunter-Lab	39.3838, -4.6798, -3.0393

Details

The YIQ color $108.5410, -11.8290, -0.3810$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $109.4590, 11.8290, 0.3810$, and the grayscale version is $108.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $160.2420, -12.4250, -0.5930$, and $60.8400, -11.2330, -0.1690$ is the 20% darker color. If you saturate the color by 10%, you get $102.0180, -17.6060, -0.3100$, and if you desaturate by 10%, it is $115.0640, -6.0520, -0.4520$.

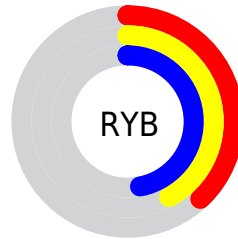
Distribution



Red (38%)

Green (44%)

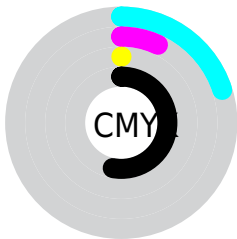
Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

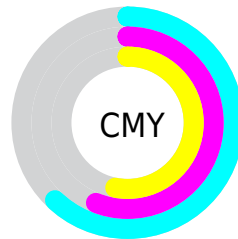


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.5410, -11.8290, -0.3810 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 108.5410, -11.8290, -0.3810 by changing the saturation by 10% instead.

■ 108.5410,
-11.8290, -0.3810

■ 108.5410,
-11.8290, -0.3810

■ 255.0000, -0.0000,
-0.0000

■ 84.4270, -11.5080,
-0.6920

■ 160.2420,
-12.4250, -0.5930

■ 60.7260, -10.9120,
-0.4800

■ 187.3560,
-12.7460, -0.2820

■ 38.7260, -10.9120,
-0.4800

■ 215.0570,
-13.3420, -0.4940

■ 18.0140, -11.7830,
-1.2150

■ 242.8290,
-12.7000, -1.1160

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 108.5410,
-11.8290, -0.3810

■ 108.5410,
-11.8290, -0.3810

■ 102.0180,
-17.6060, -0.3100

■ 115.0640, -6.0520,
-0.4520

■ 96.0820, -23.6580,
-0.7620

■ 121.0000, -0.0000,
0.0000

■ 89.5590, -29.4350,
-0.6910

■ 127.5230, 5.7770,
-0.0710

■ 83.6230, -35.4870,
-1.1430

■ 133.4590, 11.8290,
0.3810

■ 77.1000, -41.2640,
-1.0720

■ 139.9820, 17.6060,
0.3100

■ 70.8650, -47.9120,
-1.7360

■ 146.2170, 24.2540,
0.9740

■ 64.3420, -53.6890,
-1.6650


■ 152.7400, 30.0310,
0.9030

■ 58.4060, -59.7410,

■ 158.6760, 36.0830,

-2.1170

1.3550

 165.1990, 41.8600,
1.2840

Harmonies

Analogous

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



107.6610, -12.2870, -3.0950



108.5410, -11.8290, -0.3810



109.5740, -7.4280, 2.4600

Triad

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



108.5410, -11.8290, -0.3810



110.8380, 9.4440, 5.0600



109.0230, 1.1930, -5.1030

Complementary

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



108.5410, -11.8290, -0.3810



109.4590, 11.8290, 0.3810

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.



109.1270, 6.8320, -2.6720



108.5410, -11.8290, -0.3810



111.0400, 11.6910, 2.8830

Square

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



108.5410, -11.8290, -0.3810



111.0270, 4.5380, 5.8660



109.8610, 10.6370, -0.0430



108.0870, -4.8590, -5.5550

Rectangle

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



108.5410, -11.8290, -0.3810



110.4820, -4.1730, 4.0430



109.8610, 10.6370, -0.0430



109.2190, 3.5770, -4.2550

Sweetspot

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



108.5410, -11.8290, -0.3810



153.5480, -4.5390, -0.3390



112.1140, -9.4890, -9.7530



76.3310, -2.4300, -0.0140



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.



108.5410, -11.8290, -0.3810



138.4200, -18.7980, -0.7340



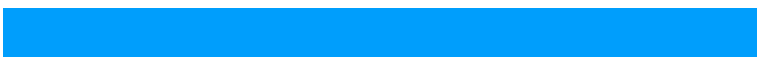
101.4970, -8.5290, 5.8950



58.0320, -3.0260, -0.2260



60.0360, -61.5750, -1.9190



121.4740, -124.3420, -4.2620

Inverse Universe

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



105.8860, 9.4890, 9.7530



134.0980, 14.9440, 15.5200



116.5030, 8.5290, -5.8950



57.2500, 2.2920, 2.5160



46.2670, 49.4620, 50.7580



93.3600, 99.4740, 102.5620

Previews

White Background



This preview shows how the YIQ color 108.5410, -11.8290, -0.3810 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 108.5410, -11.8290, -0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

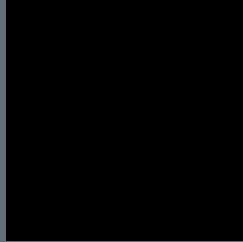
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

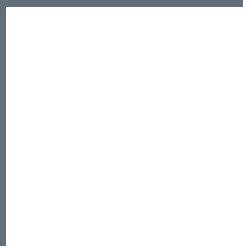
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 108.5410, -11.8290, -0.3810

Background



This preview shows how black text looks on a background with the YIQ color 108.5410, -11.8290, -0.3810.



This preview shows how white text looks on a background with the YIQ color 108.5410, -11.8290, -0.3810.

-0.3810.

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

108.5410, -11.8290, -0.3810

Protanopia

110.1400, -3.2100, 3.1100

Deuteranopia

110.8030, -0.6430, 6.1490



Tritanopia

108.5410, -11.8290, -0.3810

Trichromacy



Original Color

108.5410, -11.8290, -0.3810

Protanomaly

109.6450, -6.1900, 2.0500

Deuteranomaly

110.1830, -4.7690, 3.8310

Tritanomaly

108.5410, -11.8290, -0.3810

Monochromacy



Original Color

108.5410, -11.8290, -0.3810

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.5410, -11.8290, -0.3810 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(97, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(97, 112, 121)  
}
```

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(97, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 112, 121) }
```

Border

The CSS property to change the border of an element to YIQ 108.5410, -11.8290, -0.3810 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(97, 112, 121) }
```


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

```
.border{ border-color:rgb(97, 112, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 112, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(97, 112,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 108.5410, -11.8290, -0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 112, 121) }
```

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

```
.background{ background-color: rgb(97, 112,  
121) }
```

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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