

Converting Colors

YIQ(120.5410, -11.8290,
-0.3810)

Have a look what the booklet for
YIQ(120.5410, -11.8290, -0.3810)
contains.

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Color

**YIQ(120.5410, -11.8290,
-0.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7C85
RGB	109, 124, 133
RGB Percent	43%, 49%, 52%
CMY	0.5726, 0.5137, 0.4785
CMYK	0.18, 0.07, 0.00, 0.48
HSL	202°, 10%, 47%
HSV	202°, 18%, 52%
XYZ	17.7469, 19.3607, 24.9869
YIQ	120.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

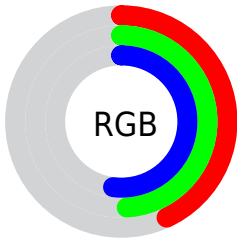
Format	Color
R_{YB}	109, 118, 133
Decimal	7175301
CIE _{Lab}	51.11, -3.47, -6.75
CIE _{LCh}	51, 7.587, 242.760
Yxy	19.3607, 0.2858, 0.3118
Android (android.graphics.Color)	4285365381 (0xFF6D7C85)
YUV	120.5410, 6.1423, -10.1215
Hunter-Lab	44.0008, -5.0069, -2.8688

Details

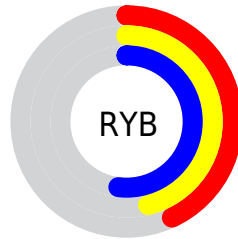
The YIQ color $120.5410, -11.8290, -0.3810$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $121.4590, 11.8290, 0.3810$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $172.6550, -12.1500, -0.0700$, and $71.8400, -11.2330, -0.1690$ is the 20% darker color. If you saturate the color by 10%, you get $113.7190, -18.2020, -0.5220$, and if you desaturate by 10%, it is $127.3630, -5.4560, -0.2400$.

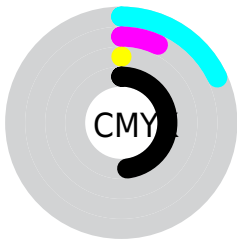
Distribution



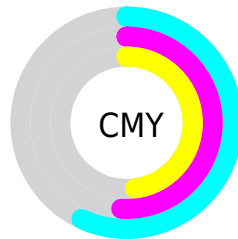
- Red (43%)
- Green (49%)
- Blue (52%)



- Red (43%)
- Yellow (46%)
- Blue (52%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (57%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.5410, -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 120.5410, -11.8290, -0.3810 by changing the saturation by 10% instead.

■ 120.5410,
-11.8290, -0.3810

■ 120.5410,
-11.8290, -0.3810

■ 255.0000, -0.0000,
-0.0000

■ 95.5410, -11.8290,
-0.3810

■ 172.6550,
-12.1500, -0.0700

■ 71.8400, -11.2330,
-0.1690

■ 200.3560,
-12.7460, -0.2820

■ 49.6120, -10.5910,
-0.7910

■ 228.3560,
-12.7460, -0.2820

■ 28.0250, -10.3160,
-0.2680

■ 251.7110, -6.5560,
-2.3320

■ 6.1610, -7.7030,
1.9370

■ 0.0000, 0.0000,
0.0000

■ 120.5410,
-11.8290, -0.3810

■ 120.5410,
-11.8290, -0.3810

■ 113.7190,
-18.2020, -0.5220

■ 127.3630, -5.4560,
-0.2400

■ 106.5980,
-25.1710, -0.8750

■ 134.4840, 1.5130,
0.1130

■ 99.7760, -31.5440,
-1.0160

■ 141.3060, 7.8860,
0.2540

■ 92.9540, -37.9170,
-1.1570

■ 148.1280, 14.2590,
0.3950

■ 86.1320, -44.2900,
-1.2980

■ 154.9500, 20.6320,
0.5360

■ 79.0110, -51.2590,
-1.6510

■ 162.0710, 27.6010,
0.8890

■ 72.1890, -57.6320,
-1.7920

■ 168.8930, 33.9740,
1.0300

■ 65.3670, -64.0050,

■ 175.7150, 40.3470,

-1.9330

1.1710

■ 63.8830, -65.5180,
-2.0460

■ 182.8360, 47.3160,
1.5240

Harmonies

Analogous

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



119.6610, -12.2870, -3.0950



120.5410, -11.8290, -0.3810



121.5740, -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.



120.5410, -11.8290, -0.3810



122.8380, 9.4440, 5.0600



120.4360, 1.4680, -4.5800

Complementary

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



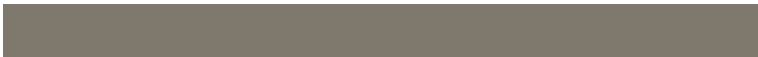
120.5410, -11.8290, -0.3810



121.4590, 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.



121.4260, 7.4280, -2.4600



120.5410, -11.8290, -0.3810



123.0400, 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.



120.5410, -11.8290, -0.3810



123.0270, 4.5380, 5.8660



122.1600, 11.2330, 0.1690



120.0870, -4.8590, -5.5550

Rectangle

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



120.5410, -11.8290, -0.3810



122.4820, -4.1730, 4.0430



122.1600, 11.2330, 0.1690



121.2190, 3.5770, -4.2550

Sweetspot

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



120.5410, -11.8290, -0.3810



168.8470, -3.9430, -0.1270



124.1140, -9.4890, -9.7530



84.0320, -3.0260, -0.2260



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



120.5410, -11.8290, -0.3810



153.4200, -18.7980, -0.7340



113.4970, -8.5290, 5.8950



63.0320, -3.0260, -0.2260



62.3670, -64.0050, -1.9330



1.5160, -1.5130, -0.1130

Inverse Universe

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



117.8860, 9.4890, 9.7530



149.0980, 14.9440, 15.5200



128.5030, 8.5290, -5.8950



62.2500, 2.2920, 2.5160



48.1040, 51.4790, 52.7510



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 120.5410, -11.8290, -0.3810 looks on a white 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

Black Background



This preview shows how the YIQ color 120.5410, -11.8290, -0.3810 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

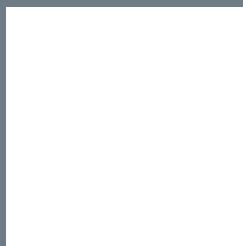
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 120.5410, -11.8290, -0.3810

Background



This preview shows how black text looks on a background with the YIQ color 120.5410, -11.8290, -0.3810.



This preview shows how white text looks on a background with the YIQ color 120.5410, -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

120.5410, -11.8290, -0.3810

Protanopia

122.1400, -3.2100, 3.1100

Deuteranopia

122.5150, 0.2280, 6.8840



Tritanopia

120.6550, -12.1500, -0.0700

Trichromacy



Original Color

120.5410, -11.8290, -0.3810

Protanomaly

121.6450, -6.1900, 2.0500

Deuteranomaly

121.5960, -4.4940, 4.3540

Tritanomaly

120.6550, -12.1500, -0.0700

Monochromacy



Original Color

120.5410, -11.8290, -0.3810

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.5410, -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(109, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(109, 124, 133)  
}
```

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(109, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 124, 133) }
```

Border

The CSS property to change the border of an element to YIQ 120.5410, -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(109, 124, 133) }
```


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

```
.border{ border-color:rgb(109, 124, 133) }
```

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

Here you see how a box with a 4 pixel rgb(109, 124, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(109, 124,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 120.5410, -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(109, 124, 133) }
```

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

```
.background{ background-color: rgb(109,  
124, 133) }
```

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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