

Converting Colors

YIQ(115.3950, -8.4820, -0.4660)

Have a look what the booklet for
YIQ(115.3950, -8.4820, -0.4660)
contains.

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Color

**YIQ(115.3950, -8.4820,
-0.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	6B767C
RGB	107, 118, 124
RGB Percent	42%, 46%, 49%
CMY	0.5804, 0.5372, 0.5138
CMYK	0.14, 0.05, 0.00, 0.51
HSL	201°, 7%, 45%
HSV	201°, 14%, 49%
XYZ	16.1792, 17.5384, 21.5981
YIQ	115.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

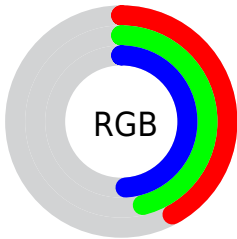
Format	Color
RYB	107, 114, 124
Decimal	7042684
CIELab	48.93, -2.77, -4.69
CIELCh	49, 5.448, 239.406
Yxy	17.5384, 0.2925, 0.3171
Android (android.graphics.Color)	4285232764 (0xFF6B767C)
YUV	115.3950, 4.2423, -7.3624
Hunter-Lab	41.8789, -4.3277, -1.2622

Details

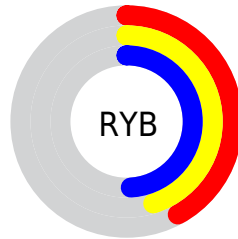
The YIQ color **115.3950, -8.4820, -0.4660** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.6050, 8.4820, 0.4660**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0960, -9.0780, -0.6780**, and **67.5800, -7.5650, -0.5650** is the 20% darker color. If you saturate the color by 10%, you get **109.4590, -14.5340, -0.9180**, and if you desaturate by 10%, it is **121.3310, -2.4300, -0.0140**.

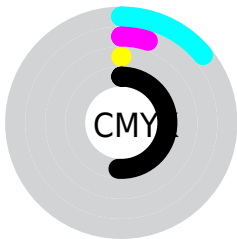
Distribution



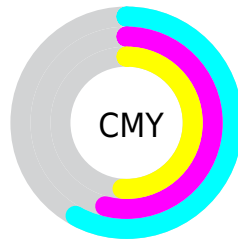
- Red (42%)
- Green (46%)
- Blue (49%)



- Red (42%)
- Yellow (45%)
- Blue (49%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.3950, -8.4820, -0.4660 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 115.3950, -8.4820, -0.4660 by changing the saturation by 10% instead.

■ 115.3950, -8.4820,
-0.4660

■ 115.3950, -8.4820,
-0.4660

■ 255.0000, -0.0000,
-0.0000

■ 90.6940, -7.8860,
-0.2540

■ 167.0960, -9.0780,
-0.6780

■ 67.2810, -8.1610,
-0.7770

■ 194.2100, -9.3990,
-0.3670

■ 44.9930, -7.2900,
-0.0420

■ 222.2100, -9.3990,
-0.3670

■ 24.4660, -7.2440,
-0.8760

■ 250.5260, -7.4730,
-2.2330

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 115.3950, -8.4820,
-0.4660

■ 115.3950, -8.4820,
-0.4660

■ 109.4590,
-14.5340, -0.9180

■ 121.3310, -2.4300,
-0.0140

■ 102.6370,
-20.9070, -1.0590

■ 128.1530, 3.9430,
0.1270

■ 96.7010, -26.9590,
-1.5110

■ 134.0890, 9.9950,
0.5790

■ 90.4660, -33.6070,
-2.1750

■ 140.3240, 16.6430,
1.2430

■ 83.9430, -39.3840,
-2.1040

■ 146.8470, 22.4200,
1.1720

■ 78.0070, -45.4360,
-2.5560

■ 152.7830, 28.4720,
1.6240

■ 71.1850, -51.8090,
-2.6970

■ 159.6050, 34.8450,
1.7650

■ 65.2490, -57.8610,

■ 165.5410, 40.8970,

-3.1490

2.2170

■ 61.0960, -61.8040,
-3.2760

■ 171.7760, 47.5450,
2.8810

Harmonies

Analogous

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



115.0420, -8.9860, -2.3460



115.3950, -8.4820, -0.4660



116.1180, -6.1440, 1.2160

Triad

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



115.3950, -8.4820, -0.4660



117.2290, 6.7850, 3.6890



115.3760, 1.6970, -3.2230

Complementary

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



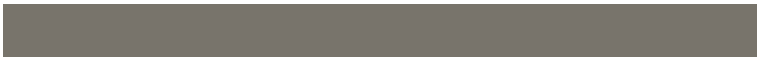
115.3950, -8.4820, -0.4660



115.6050, 8.4820, 0.4660

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.



116.1700, 5.2730, -1.9510



115.3950, -8.4820, -0.4660



116.7730, 8.0690, 2.4450

Square

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



115.3950, -8.4820, -0.4660



117.1900, 2.5210, 3.8730



116.3060, 7.8860, 0.2540



114.8100, -2.5210, -3.8730

Rectangle

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



115.3950, -8.4820, -0.4660



116.7270, -3.4850, 2.5870



116.3060, 7.8860, 0.2540



115.9740, 2.8890, -2.7990

Sweetspot

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



115.3950, -8.4820, -0.4660



157.1460, -3.3470, 0.0850



117.6630, -6.6010, -7.0250



79.6300, -1.8340, 0.1980



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



115.3950, -8.4820, -0.4660



147.9430, -13.0210, -0.8050



110.6990, -6.2820, 3.7180



58.0320, -3.0260, -0.2260



61.7970, -62.4000, -3.4880



124.9960, -125.9920, -7.4000

Inverse Universe

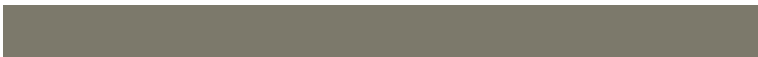
The Inverse Universe completely reimagines the original color for something new.



113.3370, 6.6010, 7.0250



144.7120, 10.0390, 10.7990



120.3010, 6.2820, -3.7180



57.2500, 2.2920, 2.5160



46.6090, 48.4990, 51.6910



94.0440, 97.5480, 104.4280

Previews

White Background



This preview shows how the YIQ color 115.3950, -8.4820, -0.4660 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 115.3950, -8.4820, -0.4660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

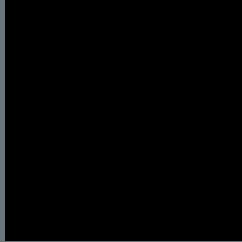
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

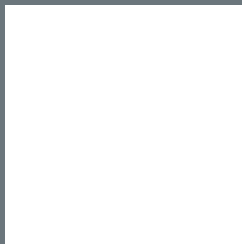
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 115.3950, -8.4820, -0.4660

Background



This preview shows how black text looks on a background with the YIQ color 115.3950, -8.4820, -0.4660.



This preview shows how white text looks on a background with the YIQ color 115.3950, -8.4820,

-0.4660.

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

115.3950, -8.4820, -0.4660

Protanopia

116.0970, -1.6510, 2.3890

Deuteranopia

117.3580, 2.1080, 5.8520



Tritanopia

116.0360, -8.8490, 0.6790

Trichromacy



Original Color

115.3950, -8.4820, -0.4660

Protanomaly

115.9010, -4.0350, 1.5410

Deuteranomaly

116.7380, -2.0180, 3.5340

Tritanomaly

115.9220, -8.5280, 0.3680

Monochromacy



Original Color

115.3950, -8.4820, -0.4660

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3950, -8.4820, -0.4660 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(107, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 118, 124)  
}
```

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(107, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 118, 124) }
```

Border

The CSS property to change the border of an element to YIQ 115.3950, -8.4820, -0.4660 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(107, 118, 124) }
```


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

```
.border{ border-color:rgb(107, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(107, 118,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3950, -8.4820, -0.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 118, 124) }
```

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

```
.background{ background-color: rgb(107,  
118, 124) }
```

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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