

Converting Colors

YIQ(111.8950, -3.8980, 4.5660)

Have a look what the booklet for
YIQ(111.8950, -3.8980, 4.5660)
contains.

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Color

**YIQ(111.8950, -3.8980,
4.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6E7C
RGB	111, 110, 124
RGB Percent	44%, 43%, 49%
CMY	0.5647, 0.5686, 0.5137
CMYK	0.10, 0.11, 0.00, 0.51
HSL	244°, 6%, 46%
HSV	244°, 11%, 49%
XYZ	15.7695, 15.9865, 21.3211
YIQ	111.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

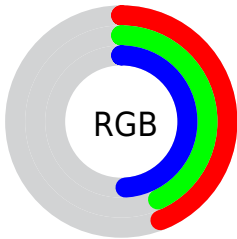
Format	Color
R _Y B	111, 110, 124
Decimal	7302780
CIE Lab	46.96, 3.38, -7.59
CIE LCh	47, 8.311, 293.990
Yxy	15.9865, 0.2971, 0.3012
Android (android.graphics.Color)	4285492860 (0xFF6F6E7C)
YUV	111.8950, 5.9678, -0.7849
Hunter-Lab	39.9832, 0.4303, -3.6283

Details

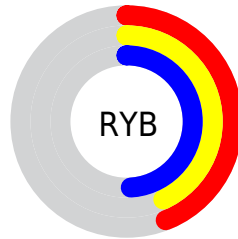
The YIQ color **111.8950, -3.8980, 4.5660** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122.1050, 3.8980, -4.5660**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0090, -4.2190, 4.8770**, and **64.3680, -3.8520, 3.7320** is the 20% darker color. If you saturate the color by 10%, you get **101.2630, -7.7500, 8.2980**, and if you desaturate by 10%, it is **122.5270, -0.0460, 0.8340**.

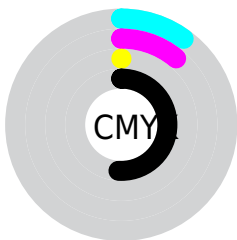
Distribution



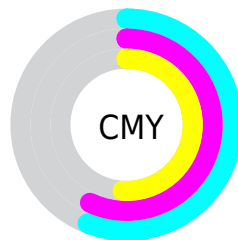
- Red (44%)
- Green (43%)
- Blue (49%)



- Red (44%)
- Yellow (43%)
- Blue (49%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.8950, -3.8980, 4.5660 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 111.8950, -3.8980, 4.5660 by changing the saturation by 10% instead.

■ 111.8950, -3.8980,
4.5660

■ 111.8950, -3.8980,
4.5660

■ 255.0000, -0.0000,
-0.0000

■ 87.7810, -3.5770,
4.2550

■ 164.0090, -4.2190,
4.8770

■ 64.3680, -3.8520,
3.7320

■ 191.0090, -4.2190,
4.8770

■ 42.3680, -3.8520,
3.7320

■ 218.4220, -3.9440,
5.4000

■ 21.5530, -2.9350,
3.6330

■ 246.4390, -2.6140,
3.3220

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 111.8950, -3.8980,
4.5660

■ 111.8950, -3.8980,
4.5660

■ 101.2630, -7.7500,
8.2980

■ 122.5270, -0.0460,
0.8340

■ 90.3430, -10.7310,
12.7650

■ 133.4470, 2.9350,
-3.6330

■ 79.7110, -14.5830,
16.4970

■ 144.0790, 6.7870,
-7.3650

■ 68.7910, -17.5640,
20.9640

■ 154.9990, 9.7680,
-11.8320

■ 58.1590, -21.4160,
24.6960

■ 165.6310, 13.6200,
-15.5640

■ 47.8260, -24.6720,
28.6400

■ 175.9640, 16.8760,
-19.5080

■ 36.6070, -28.2490,
32.8950

■ 187.1830, 20.4530,
-23.7630

■ 26.2740, -31.5050,

■ 197.5160, 23.7090,

36.8390

-27.7070

■ 16.8270, -34.4400,
40.4720

■ 208.7350, 27.2860,
-31.9620

Harmonies

Analogous

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



110.4920, -10.1330, 1.9230



111.8950, -3.8980, 4.5660



112.6570, 2.7040, 6.0640

Triad

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



111.8950, -3.8980, 4.5660



111.8720, 12.1040, 0.9040



109.0480, -9.1230, -5.3710

Complementary

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



111.8950, -3.8980, 4.5660



122.1050, 3.8980, -4.5660

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.



109.4570, -3.0250, -5.7530



111.8950, -3.8980, 4.5660



111.3230, 9.2160, -1.8240

Square

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



111.8950, -3.8980, 4.5660



112.5670, 11.6450, 3.7170



110.8060, 3.3020, -4.7780



108.9490, -13.1580, -3.8300

Rectangle

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



111.8950, -3.8980, 4.5660



112.6960, 6.9680, 5.8800



110.8060, 3.3020, -4.7780



109.0050, -7.5640, -6.0920

Sweetspot

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



111.8950, -3.8980, 4.5660



156.5700, -1.6050, 1.5550



119.2270, -8.0690, -2.4450



78.7550, -0.6880, 1.4560



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.



111.8950, -3.8980, 4.5660



141.2200, -6.1910, 7.5770



113.9880, 0.2740, 6.0500



55.9830, -1.3300, 2.0780



16.9410, -34.7610, 40.7830



34.1100, -70.1640, 82.1880

Inverse Universe

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



115.6680, 4.1710, 7.0110



147.2710, 6.9670, 11.4070



120.0120, -0.2740, -6.0500



57.4780, 1.6500, 3.1380



50.5990, 37.2640, 62.5760



102.0240, 75.0780, 126.1980

Previews

White Background



This preview shows how the YIQ color 111.8950, -3.8980, 4.5660 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 111.8950, -3.8980, 4.5660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

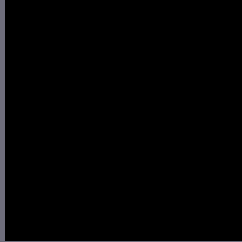
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.8950, -3.8980, 4.5660

Background



This preview shows how black text looks on a background with the YIQ color 111.8950, -3.8980, 4.5660.



This preview shows how white text looks on a background with the YIQ color 111.8950, -3.8980,

4.5660.

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

111.8950, -3.8980, 4.5660

Protanopia

111.2970, -5.0900, 4.1420

Deuteranopia

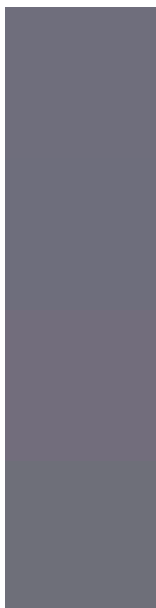
112.2160, -0.3680, 6.6720



Tritanopia

111.7270, -3.4850, 2.5870

Trichromacy



Original Color

111.8950, -3.8980, 4.5660

Protanomaly

111.5960, -4.4940, 4.3540

Deuteranomaly

112.2050, -1.8350, 5.7250

Tritanomaly

111.8410, -3.8060, 2.8980

Monochromacy



Original Color

111.8950, -3.8980, 4.5660

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.8950, -3.8980, 4.5660 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(111, 110, 124)` looks like.

```
.text, #text, p{  
    color:rgb(111, 110, 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(111, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 110, 124) }
```

Border

The CSS property to change the border of an element to YIQ 111.8950, -3.8980, 4.5660 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(111, 110, 124) }
```


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

```
.border{ border-color:rgb(111, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(111, 110,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 111.8950, -3.8980, 4.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 110, 124) }
```

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

```
.background{ background-color: rgb(111,  
110, 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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