

Converting Colors

YIQ(97.4880, 4.8580, 11.0820)

Have a look what the booklet for
YIQ(97.4880, 4.8580, 11.0820)
contains.

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Color

**YIQ(97.4880, 4.8580,
11.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	6D596F
RGB	109, 89, 111
RGB Percent	43%, 35%, 44%
CMY	0.5725, 0.6510, 0.5647
CMYK	0.02, 0.20, 0.00, 0.56
HSL	295°, 11%, 39%
HSV	295°, 20%, 44%
XYZ	12.7496, 11.5433, 16.5952
YIQ	97.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

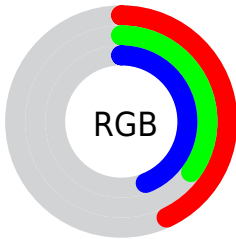
Format	Color
R_{YB}	109, 89, 111
Decimal	7166319
CIE _{Lab}	40.48, 12.50, -9.45
CIE _{LCh}	40, 15.670, 322.902
Yxy	11.5433, 0.3118, 0.2823
Android (android.graphics.Color)	4285356399 (0xFF6D596F)
YUV	97.4880, 6.6614, 10.0960
Hunter-Lab	33.9754, 7.5267, -5.1773

Details

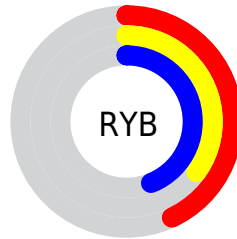
The YIQ color **97.4880, 4.8580, 11.0820** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.5120, -4.8580, -11.0820**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3140, 5.4080, 12.1280**, and **50.6620, 4.3080, 10.0360** is the 20% darker color. If you saturate the color by 10%, you get **90.7320, 7.2870, 16.6230**, and if you desaturate by 10%, it is **104.2440, 2.4290, 5.5410**.

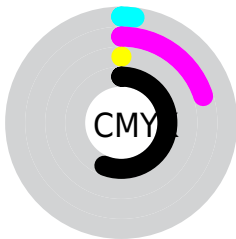
Distribution



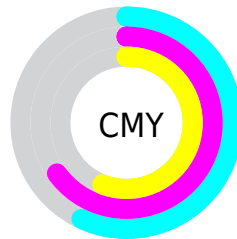
- Red (43%)
- Green (35%)
- Blue (44%)



- Red (43%)
- Yellow (35%)
- Blue (44%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.4880, 4.8580, 11.0820 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 97.4880, 4.8580, 11.0820 by changing the saturation by 10% instead.

■ 97.4880, 4.8580,
11.0820

■ 97.4880, 4.8580,
11.0820

■ 255.0000, -0.0000,
-0.0000

■ 74.0750, 4.5830,
10.5590

■ 148.3140, 5.4080,
12.1280

■ 50.6620, 4.3080,
10.0360

■ 174.7270, 5.6830,
12.6510

■ 29.8360, 3.7580,
8.9900

■ 202.7270, 5.6830,
12.6510

■ 8.3740, 5.1790,
10.7710

■ 230.7270, 5.6830,
12.6510

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.6500,
3.1380

■ 97.4880, 4.8580,
11.0820

■ 97.4880, 4.8580,
11.0820

■ 90.7320, 7.2870,
16.6230

■ 104.2440, 2.4290,
5.5410

■ 83.9760, 9.7160,
22.1640

■ 111.0000, -0.0000,
0.0000

■ 77.2200, 12.1450,
27.7050

■ 117.7560, -2.4290,
-5.5410

■ 70.4640, 14.5740,
33.2460

■ 124.5120, -4.8580,
-11.0820

■ 63.1210, 17.2780,
39.3100

■ 131.2680, -7.2870,
-16.6230

■ 56.3650, 19.7070,
44.8510

■ 138.6110, -9.9910,
-22.6870

■ 49.6090, 22.1360,
50.3920


■ 145.3670,
-12.4200, -28.2280

■ 42.8530, 24.5650,

■ 152.1230,

55.9330

-14.8490, -33.7690

 158.8790,
-17.2780, -39.3100

Harmonies

Analogous

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



95.9640, -8.3460, 8.0860



97.4880, 4.8580, 11.0820



97.3490, 15.4950, 11.0390

Triad

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



97.4880, 4.8580, 11.0820



95.4500, 16.0480, -4.4960



90.0720, -26.8660, -8.7060

Complementary

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



97.4880, 4.8580, 11.0820



102.5120, -4.8580, -11.0820

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.



90.0960, -18.2460, -10.7420



97.4880, 4.8580, 11.0820



94.1390, 6.5580, -8.7220

Square

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



97.4880, 4.8580, 11.0820



96.0750, 21.7780, 1.7940



92.3270, -5.7750, -10.9830



90.9350, -27.7380, -3.9140

Rectangle

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



97.4880, 4.8580, 11.0820



97.2200, 20.1720, 8.8760



92.3270, -5.7750, -10.9830



89.9150, -24.9860, -9.7380

Sweetspot

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



97.4880, 4.8580, 11.0820



140.3040, 2.2000, 4.1840



92.6820, -7.6120, 5.7960



70.7660, 0.7790, 2.4030



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



97.4880, 4.8580, 11.0820



123.5580, 7.8370, 17.6690



97.0600, 8.9390, 8.7070



52.4780, 1.6500, 3.1380



46.2710, 26.4440, 60.4280



95.4330, 54.8130, 124.5170

Inverse Universe

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



95.8060, 12.4700, 5.2860



120.9210, 19.5760, 8.6640



102.9400, -8.9390, -8.7070



51.9080, 3.2550, 1.5830



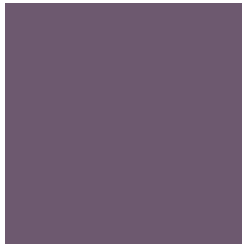
37.1340, 67.9890, 28.8610



76.3610, 140.1500, 59.2060

Previews

White Background



This preview shows how the YIQ color 97.4880, 4.8580, 11.0820 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 97.4880, 4.8580, 11.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

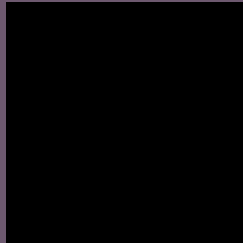
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.4880, 4.8580, 11.0820

Background



This preview shows how black text looks on a background with the YIQ color 97.4880, 4.8580, 11.0820.



This preview shows how white text looks on a background with the YIQ color 97.4880, 4.8580,

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

97.4880, 4.8580, 11.0820

Protanopia

96.0840, -8.8040, 5.3720

Deuteranopia

96.4330, -2.4770, 6.3470



Tritanopia

96.5820, 7.2890, 5.5690

Trichromacy



Original Color

97.4880, 4.8580, 11.0820

Protanomaly

96.8890, -3.7610, 7.5910

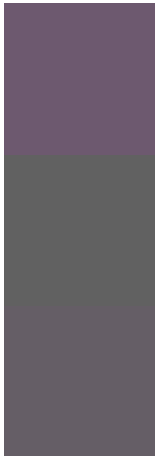
Deuteranomaly

97.0420, 0.1820, 7.7180

Tritanomaly

96.8640, 6.5550, 7.8590

Monochromacy



Original Color

97.4880, 4.8580, 11.0820

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.4880, 4.8580, 11.0820 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, 89, 111)` looks like.

```
.text, #text, p{  
    color:rgb(109, 89, 111)  
}
```

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, 89, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 89, 111) }
```

Border

The CSS property to change the border of an element to YIQ 97.4880, 4.8580, 11.0820 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, 89, 111) }
```


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

```
.border{ border-color:rgb(109, 89, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 89, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 89, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 89, 111); box-shadow:4px 4px 4px 4px rgb(109, 89, 111) }
```

Background

The CSS property to change the background color of an element to YIQ 97.4880, 4.8580, 11.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 89, 111) }
```

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

```
.background{ background-color: rgb(109, 89,  
111) }
```

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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