

Converting Colors

YIQ(233.4880, 4.8580, 11.0820)

Have a look what the booklet for
YIQ(233.4880, 4.8580, 11.0820)
contains.

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Color

**YIQ(233.4880, 4.8580,
11.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E1F7
RGB	245, 225, 247
RGB Percent	96%, 88%, 97%
CMY	0.0391, 0.1177, 0.0314
CMYK	0.01, 0.09, 0.00, 0.03
HSL	295°, 58%, 93%
HSV	295°, 9%, 97%
XYZ	81.3732, 79.9766, 99.1444
YIQ	233.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

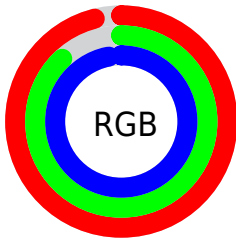
Format	Color
R _Y B	245, 225, 247
Decimal	16114167
CIE Lab	91.67, 10.66, -8.20
CIE LCh	92, 13.450, 322.409
Yxy	79.9766, 0.3124, 0.3070
Android (android.graphics.Color)	4294304247 (0xFF5E1F7)
YUV	233.4880, 6.6614, 10.0960
Hunter-Lab	89.4297, 5.9175, -3.1299

Details

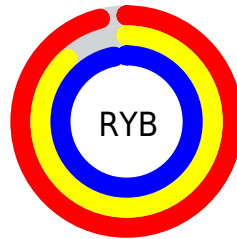
The YIQ color $233.4880, 4.8580, 11.0820$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.5120, -4.8580, -11.0820$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.0750, 4.5830, 10.5590$ is the 20% darker color. If you saturate the color by 10%, you get $218.2150, 10.5410, 23.7330$, and if you desaturate by 10%, it is $248.7610, -0.8250, -1.5690$.

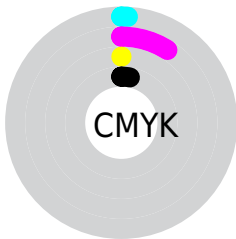
Distribution



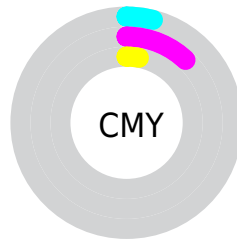
- Red (96%)
- Green (88%)
- Blue (97%)



- Red (96%)
- Yellow (88%)
- Blue (97%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.4880, 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 233.4880, 4.8580, 11.0820 by changing the saturation by 10% instead.

233.4880, 4.8580,
11.0820

233.4880, 4.8580,
11.0820

255.0000, -0.0000,
-0.0000

205.4880, 4.8580,
11.0820

178.0750, 4.5830,
10.5590

151.0750, 4.5830,
10.5590

125.2490, 4.0330,
9.5130

100.2490, 4.0330,
9.5130

76.1350, 4.3540,
9.2020

53.4230, 3.4830,

8.4670

■ 32.0100, 3.2080,
7.9440

■ 8.7870, 5.4540,
11.2940

■ 233.4880, 4.8580,
11.0820

■ 233.4880, 4.8580,
11.0820

■ 218.2150, 10.5410,
23.7330

■ 248.7610, -0.8250,
-1.5690

■ 203.5290, 15.9490,
35.8610

■ 252.2940, -1.0080,
-3.7600

■ 187.9570, 21.0360,
48.3000

■ 253.1910, 0.7800,
-3.1240

■ 172.6840, 26.7190,
60.9510

■ 253.7890, 1.9720,
-2.7000

■ 157.4110, 32.4020,
73.6020

■ 254.0880, 2.5680,
-2.4880

■ 142.7250, 37.8100,
85.7300

■ 127.1530, 42.8970,
98.1690

■ 111.8800, 48.5800,
110.8200

■ 97.1940, 53.9880,
122.9480

Harmonies

Analogous

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



232.2630, -7.7500, 8.2980



233.4880, 4.8580, 11.0820



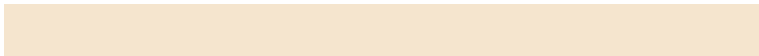
233.9360, 15.2200, 10.5160

Triad

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



233.4880, 4.8580, 11.0820



231.1620, 16.9190, -3.7610



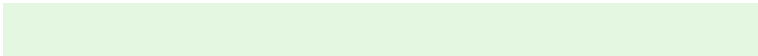
227.1540, -24.1610, -8.1690

Complementary

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



233.4880, 4.8580, 11.0820



238.5120, -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.



227.1670, -17.0080, -11.1520



233.4880, 4.8580, 11.0820



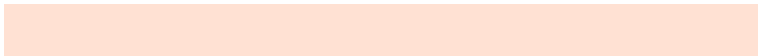
229.4380, 7.1540, -8.5100

Square

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



233.4880, 4.8580, 11.0820



232.3740, 22.3740, 2.0060



228.2130, -5.4540, -11.2940



228.1310, -25.3540, -3.0660

Rectangle

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



233.4880, 4.8580, 11.0820



232.3230, 18.3840, 8.2400



228.2130, -5.4540, -11.2940



226.9970, -22.2810, -9.2010

Sweetspot

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



233.4880, 4.8580, 11.0820



250.0050, 1.6040, 3.9720



228.6820, -7.6120, 5.7960



124.1790, 1.0540, 2.9260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

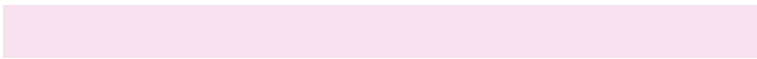
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.4880, 4.8580, 11.0820



237.6670, 5.9120, 14.0080



233.0600, 8.9390, 8.7070



114.6570, 2.7040, 6.0640



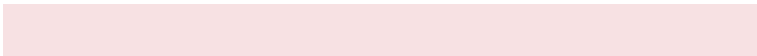
71.7350, 41.0180, 93.6740



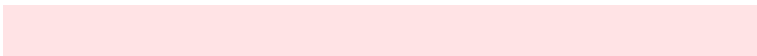
22.5730, 12.6490, 29.5850

Inverse Universe

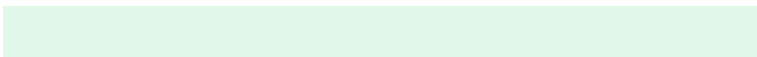
The Inverse Universe completely reimagines the original color for something new.



231.8060, 12.4700, 5.2860



235.6000, 16.0460, 6.5580



238.9400, -8.9390, -8.7070



113.7020, 6.8310, 2.8550



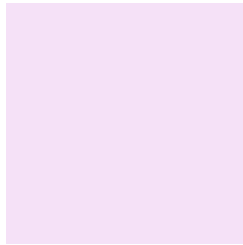
57.5520, 105.3990, 44.7190



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 233.4880, 4.8580, 11.0820 looks on a white background.

Color Contrast Check

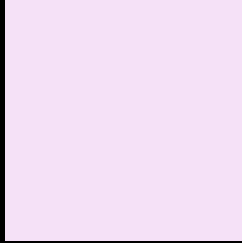
Large Text (above 18pt) WCAG AA × Fail

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 233.4880, 4.8580, 11.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

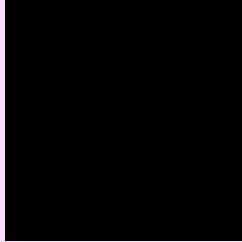
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.4880, 4.8580, 11.0820

Background



This preview shows how black text looks on a background with the YIQ color 233.4880, 4.8580, 11.0820.



This preview shows how white text looks on a background with the YIQ color 233.4880, 4.8580,

11.0820.

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

233.4880, 4.8580, 11.0820

Protanopia

232.2800, -6.4200, 6.2200

Deuteranopia

233.7870, 5.4540, 11.2940



Tritanopia

233.3200, 5.2710, 9.1030

Trichromacy



Original Color

233.4880, 4.8580, 11.0820

Protanomaly

232.4870, -2.5690, 8.0150

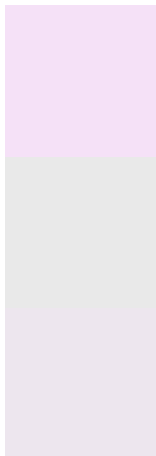
Deuteranomaly

233.7870, 5.4540, 11.2940

Tritanomaly

233.4340, 4.9500, 9.4140

Monochromacy



Original Color

233.4880, 4.8580, 11.0820

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.4880, 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(245, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 247)  
}
```

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(245, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 247) }
```

Border

The CSS property to change the border of an element to YIQ 233.4880, 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(245, 225, 247) }
```


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

```
.border{ border-color:rgb(245, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 233.4880, 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(245, 225, 247) }
```

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

```
.background{ background-color: rgb(245,  
225, 247) }
```

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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