

Converting Colors

YIQ(245.5590, -3.0720, 0.6080)

Have a look what the booklet for
YIQ(245.5590, -3.0720, 0.6080)
contains.

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Color

**YIQ(245.5590, -3.0720,
0.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F6FA
RGB	243, 246, 250
RGB Percent	95%, 96%, 98%
CMY	0.0471, 0.0353, 0.0196
CMYK	0.03, 0.02, 0.00, 0.02
HSL	214°, 41%, 97%
HSV	214°, 3%, 98%
XYZ	87.1726, 91.8687, 103.5772
YIQ	245.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

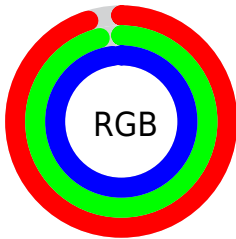
Format	Color
R_{YB}	243, 245, 250
Decimal	15988474
CIE Lab	96.77, -0.27, -2.27
CIE LCh	97, 2.288, 263.205
Yxy	91.8687, 0.3084, 0.3251
Android (android.graphics.Color)	4294178554 (0xFFFF3F6FA)
YUV	245.5590, 2.1894, -2.2442
Hunter-Lab	95.8481, -5.3909, 3.0226

Details

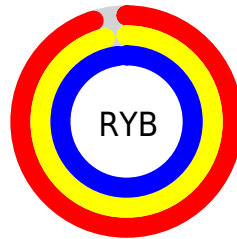
The YIQ color $245.5590, -3.0720, 0.6080$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.4410, 3.0720, -0.6080$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.5590, -3.0720, 0.6080$ is the 20% darker color. If you saturate the color by 10%, you get $229.8660, -14.1220, 2.6300$, and if you desaturate by 10%, it is $254.4300, 1.6050, -1.5550$.

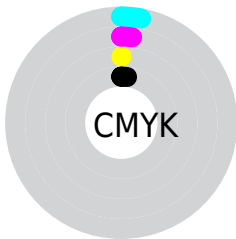
Distribution



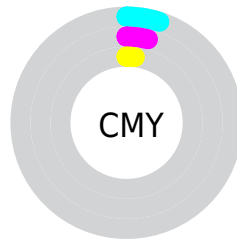
- Red (95%)
- Green (96%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.5590, -3.0720, 0.6080 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 245.5590, -3.0720, 0.6080 by changing the saturation by 10% instead.

245.5590, -3.0720,
0.6080

245.5590, -3.0720,
0.6080

255.0000, -0.0000,
-0.0000

217.4450, -2.7510,
0.2970

189.5590, -3.0720,
0.6080

162.4450, -2.7510,
0.2970

135.8580, -2.4760,
0.8200

110.5590, -3.0720,
0.6080

86.4450, -2.7510,
0.2970

63.4450, -2.7510,

0.2970

■ 41.4450, -2.7510,
0.2970

■ 20.7440, -2.1550,
0.5090

■ 245.5590, -3.0720,
0.6080

■ 245.5590, -3.0720,
0.6080

■ 229.8660,
-14.1220, 2.6300

■ 254.4300, 1.6050,
-1.5550

■ 213.5860,
-24.8970, 5.1750

■ 197.8930,
-35.9470, 7.1970

■ 182.2000,
-46.9970, 9.2190

■ 166.5070,
-58.0470, 11.2410

■ 150.2270,
-68.8220, 13.7860

■ 134.5340,
-79.8720, 15.8080

■ 118.8410,
-90.9220, 17.8300

■ 103.1480,
-101.9720, 19.8520

Harmonies

Analogous

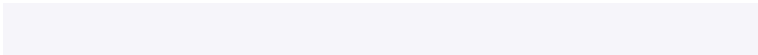
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.4340, -4.2180, -0.6500



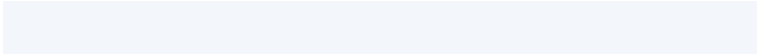
245.5590, -3.0720, 0.6080



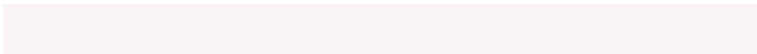
245.8690, -1.0090, 1.7670

Triad

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



245.5590, -3.0720, 0.6080



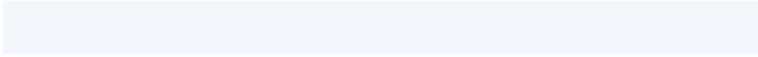
246.0930, 4.1720, 1.4840



245.3480, -1.1000, -2.0920

Complementary

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



245.5590, -3.0720, 0.6080



247.4410, 3.0720, -0.6080

Split Complementary

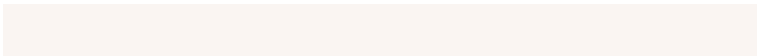
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.5440, 1.2840, -1.2440



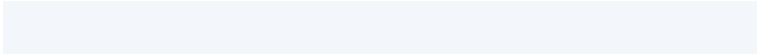
245.5590, -3.0720, 0.6080



246.1530, 3.9430, 0.1270

Square

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



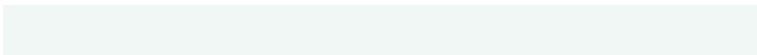
245.5590, -3.0720, 0.6080



246.0220, 2.9340, 1.8940



245.4410, 3.0720, -0.6080



244.9780, -2.9340, -1.8940

Rectangle

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



245.5590, -3.0720, 0.6080



246.0540, -0.0920, 1.6680



245.4410, 3.0720, -0.6080



245.5330, -0.1830, -2.1910

Sweetspot

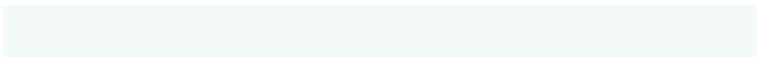
The Sweet Spot groups the original color and five complimentary colors.



245.5590, -3.0720, 0.6080



253.5160, -1.5130, -0.1130



247.5650, -3.2090, -2.4170



126.8150, -0.9170, 0.0990



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.



245.5590, -3.0720, 0.6080



250.2600, -3.6680, 0.3960



243.7980, -2.2470, 2.1770



121.7440, -2.1550, 0.5090



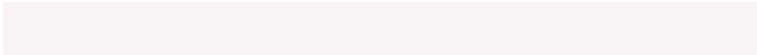
69.0930, -82.9440, 16.4160



22.2160, -26.7310, 5.3730

Inverse Universe

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



245.4350, 3.2090, 2.4170



249.8480, 3.4840, 2.9400



249.2020, 2.2470, -2.1770



121.7230, 2.3380, 1.6820



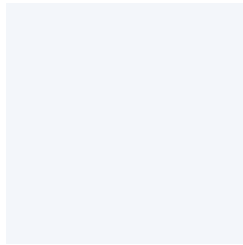
65.7450, 86.6430, 65.2590



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 245.5590, -3.0720, 0.6080 looks on a white background.

Color Contrast Check

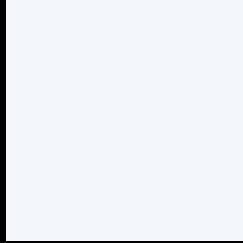
Large Text (above 18pt) WCAG AA × Fail

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 245.5590, -3.0720, 0.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

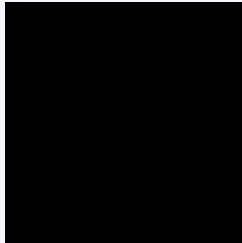
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

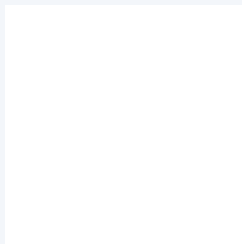
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.5590, -3.0720, 0.6080

Background



This preview shows how black text looks on a background with the YIQ color 245.5590, -3.0720, 0.6080.



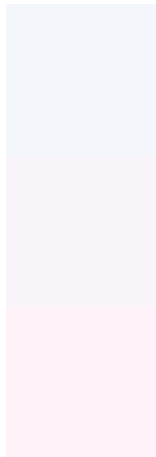
This preview shows how white text looks on a background with the YIQ color 245.5590, -3.0720,

0.6080.

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

245.5590, -3.0720, 0.6080

Protanopia

246.0650, 1.3750, 2.6150

Deuteranopia

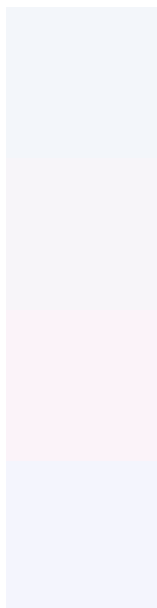
246.5710, 5.8220, 4.6220



Tritanopia

246.1400, -3.2100, 3.1100

Trichromacy



Original Color

245.5590, -3.0720, 0.6080

Protanomaly

246.0540, -0.0920, 1.6680

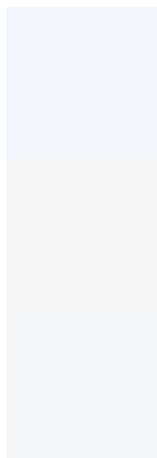
Deuteranomaly

246.0760, 2.8420, 3.5620

Tritanomaly

245.6130, -3.1640, 2.2760

Monochromacy



Original Color

245.5590, -3.0720, 0.6080

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.8150, -0.9170, 0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.5590, -3.0720, 0.6080 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(243, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(243, 246, 250)  
}
```

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(243, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 246, 250) }
```

Border

The CSS property to change the border of an element to YIQ 245.5590, -3.0720, 0.6080 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(243, 246, 250) }
```


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

```
.border{ border-color:rgb(243, 246, 250) }
```

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

Here you see how a box with a 4 pixel rgb(243, 246, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 246,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 245.5590, -3.0720, 0.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 246, 250) }
```

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

```
.background{ background-color: rgb(243,  
246, 250) }
```

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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