

Converting Colors

YIQ(248.6620, -4.8600, -0.0280)

Have a look what the booklet for
YIQ(248.6620, -4.8600, -0.0280)
contains.

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Color

**YIQ(248.6620, -4.8600,
-0.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FAFE
RGB	244, 250, 254
RGB Percent	96%, 98%, 100%
CMY	0.0431, 0.0196, 0.0039
CMYK	0.04, 0.02, 0.00, 0.00
HSL	204°, 83%, 98%
HSV	204°, 4%, 100%
XYZ	89.3821, 94.7607, 107.3409
YIQ	248.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

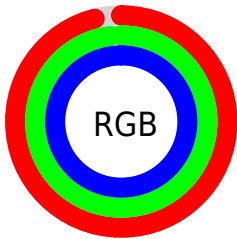
Format	Color
R_{YB}	244, 248, 254
Decimal	16055038
CIE _{Lab}	97.94, -1.25, -2.61
CIE _{LCh}	98, 2.891, 244.409
Yxy	94.7607, 0.3066, 0.3251
Android (android.graphics.Color)	4294245118 (0xFFFF4FAFE)
YUV	248.6620, 2.6316, -4.0886
Hunter-Lab	97.3451, -6.4557, 2.7635

Details

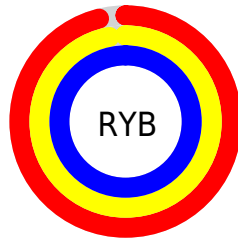
The YIQ color 248.6620, -4.8600, -0.0280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.3380, 4.8600, 0.0280, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.5480, -4.5390, -0.3390 is the 20% darker color. If you saturate the color by 10%, you get 235.3170, -17.0100, -0.0980, and if you desaturate by 10%, it is 254.8860, 0.3210, -0.3110.

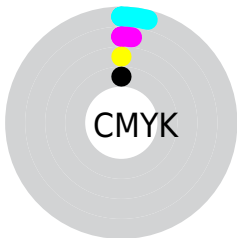
Distribution



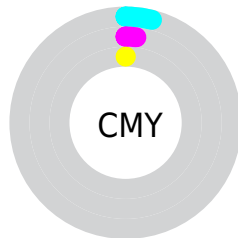
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.6620, -4.8600, -0.0280 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 248.6620, -4.8600, -0.0280 by changing the saturation by 10% instead.

 248.6620, -4.8600,
-0.0280


 248.6620, -4.8600,
-0.0280

255.0000, -0.0000,
-0.0000


 219.9610, -4.2640,
0.1840

 192.5480, -4.5390,
-0.3390

 164.9610, -4.2640,
0.1840

 138.9610, -4.2640,
0.1840

 113.5480, -4.5390,
-0.3390

 88.8470, -3.9430,
-0.1270

 65.8470, -3.9430,

-0.1270

■ 43.8470, -3.9430,
-0.1270

■ 23.1460, -3.3470,
0.0850

■ 248.6620, -4.8600,
-0.0280

■ 248.6620, -4.8600,
-0.0280

■ 235.3170,
-17.0100, -0.0980

254.8860, 0.3210,
-0.3110

■ 221.6730,
-29.7560, -0.3800

■ 208.3280,
-41.9060, -0.4500

■ 194.0970,
-54.3770, -0.2090

■ 180.7520,
-66.5270, -0.2790

■ 167.4070,
-78.6770, -0.3490

■ 153.7630,
-91.4230, -0.6310

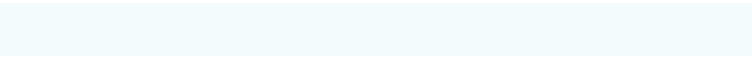
■ 140.4180,
-103.5730, -0.7010

■ 126.7740,
-116.3190, -0.9830

Harmonies

Analogous

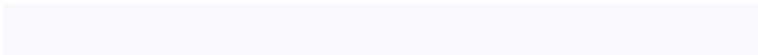
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.7220, -5.0890, -1.3850



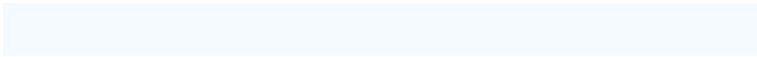
248.6620, -4.8600, -0.0280



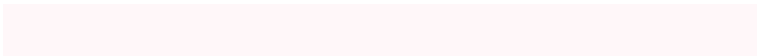
249.0860, -3.1180, 1.4420

Triad

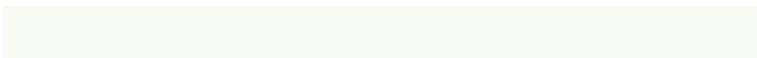
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.6620, -4.8600, -0.0280



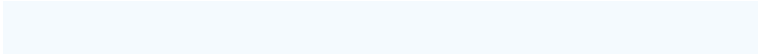
249.6200, 4.1260, 2.3180



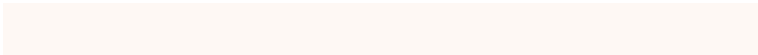
248.7180, 0.7340, -2.2900

Complementary

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



248.6620, -4.8600, -0.0280



249.3380, 4.8600, 0.0280

Split Complementary

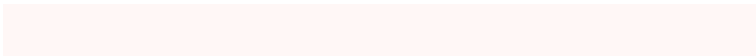
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.9140, 3.1180, -1.4420



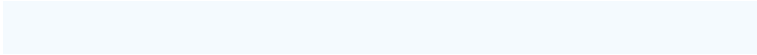
248.6620, -4.8600, -0.0280



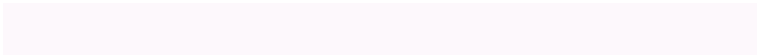
249.2780, 5.0890, 1.3850

Square

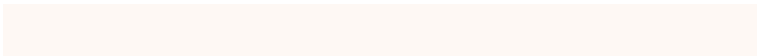
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



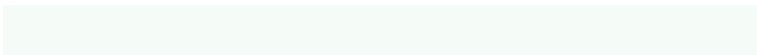
248.6620, -4.8600, -0.0280



249.9510, 1.6960, 2.3040



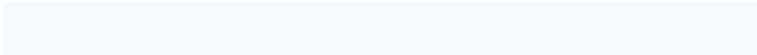
249.3380, 4.8600, 0.0280



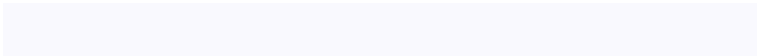
248.7500, -2.2920, -2.5160

Rectangle

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



248.6620, -4.8600, -0.0280



249.5700, -1.6050, 1.5550



249.3380, 4.8600, 0.0280



249.0170, 1.3300, -2.0780

Sweetspot

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



248.6620, -4.8600, -0.0280



253.5160, -1.5130, -0.1130



250.3260, -4.0340, -3.9860



126.8150, -0.9170, 0.0990



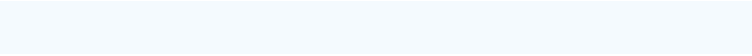
0.0000, 0.0000, 0.0000



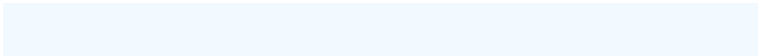
128.0000, -0.0000, -0.0000

Same Dimension

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



248.6620, -4.8600, -0.0280



248.1780, -6.3730, -0.1410



245.7270, -3.4850, 2.5870



123.2600, -3.6680, 0.3960



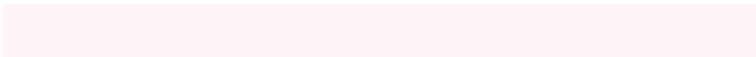
89.2790, -92.9360, -0.7440



29.6020, -30.9940, 0.0300

Inverse Universe

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



247.6740, 4.0340, 3.9860



246.7990, 5.1800, 5.2440



252.2730, 3.4850, -2.5870



122.8480, 3.4840, 2.9400



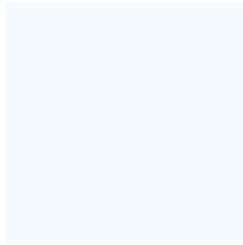
70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 248.6620, -4.8600, -0.0280 looks on a white background.

Color Contrast Check

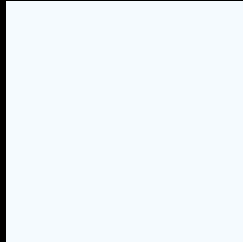
Large Text (above 18pt) WCAG AA × Fail

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 248.6620, -4.8600, -0.0280 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

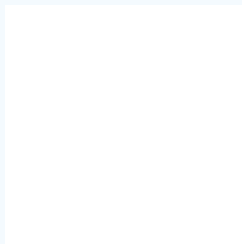
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.6620, -4.8600, -0.0280

Background



This preview shows how black text looks on a background with the YIQ color 248.6620, -4.8600, -0.0280.



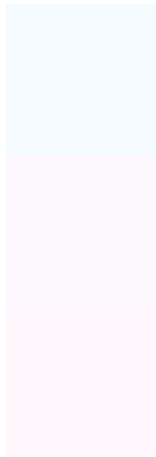
This preview shows how white text looks on a background with the YIQ color 248.6620, -4.8600, -0.0280.

-0.0380,

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

248.6620, -4.8600, -0.0280

Protanopia

249.7660, 0.7790, 2.4030

Deuteranopia

249.8480, 3.4840, 2.9400

Tritanopia

249.3850, -2.5220, 1.6540

Trichromacy

Original Color

248.6620, -4.8600, -0.0280

Protanomaly

249.4560, -1.2840, 1.2440

Deuteranomaly

249.3530, 0.5040, 1.8800

Tritanomaly

249.0860, -3.1180, 1.4420

Monochromacy

Original Color

248.6620, -4.8600, -0.0280

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

248.6300, -1.8340, 0.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.6620, -4.8600, -0.0280 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(244, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 254)  
}
```

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(244, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 254) }
```

Border

The CSS property to change the border of an element to YIQ 248.6620, -4.8600, -0.0280 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(244, 250, 254) }
```


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

```
.border{ border-color:rgb(244, 250, 254) }
```

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

Here you see how a box with a 4 pixel rgb(244, 250, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 248.6620, -4.8600, -0.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 254) }
```

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

```
.background{ background-color: rgb(244,  
250, 254) }
```

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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