

Converting Colors

YIQ(240.6010, -12.0580,
-1.7380)

Have a look what the booklet for
YIQ(240.6010, -12.0580, -1.7380)
contains.

YIQ(240.6010, -12.0580, -1.7380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(240.6010, -12.0580,
-1.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F5FB
RGB	228, 245, 251
RGB Percent	89%, 96%, 98%
CMY	0.1059, 0.0392, 0.0157
CMYK	0.09, 0.02, 0.00, 0.02
HSL	196°, 74%, 94%
HSV	196°, 9%, 98%
XYZ	82.0570, 88.7658, 104.0644
YIQ	240.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

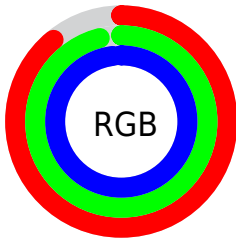
Format	Color
R _Y B	228, 238, 251
Decimal	15005179
CIE Lab	95.48, -4.43, -4.79
CIE LCh	95, 6.528, 227.256
Yxy	88.7658, 0.2985, 0.3229
Android (android.graphics.Color)	4293195259 (0xFFE4F5FB)
YUV	240.6010, 5.1267, -11.0511
Hunter-Lab	94.2156, -9.4129, 0.4631

Details

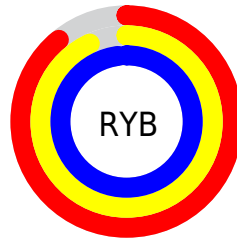
The YIQ color $240.6010, -12.0580, -1.7380$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.3990, 12.0580, 1.7380$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.6010, -12.0580, -1.7380$ is the 20% darker color. If you saturate the color by 10%, you get $229.0170, -25.0330, -3.3770$, and if you desaturate by 10%, it is $252.1850, 0.9170, -0.0990$.

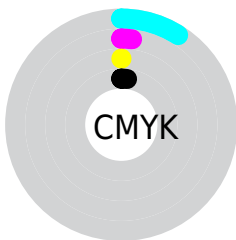
Distribution



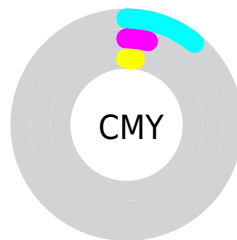
- Red (89%)
- Green (96%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.6010, -12.0580, -1.7380 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 240.6010, -12.0580, -1.7380 by changing the saturation by 10% instead.

■ 240.6010,
-12.0580, -1.7380

■ 240.6010,
-12.0580, -1.7380

255.0000, -0.0000,
-0.0000

■ 212.4870,
-11.7370, -2.0490

■ 184.6010,
-12.0580, -1.7380

■ 157.7860,
-11.1410, -1.8370

■ 131.7860,
-11.1410, -1.8370

■ 106.0850,
-10.5450, -1.6250

■ 82.0850, -10.5450,
-1.6250

■ 59.2700, -9.6280,

-1.7240

■ 37.2700, -9.6280,
-1.7240

■ 16.0740, -12.0120,
-2.5720

■ 240.6010,
-12.0580, -1.7380

■ 240.6010,
-12.0580, -1.7380

■ 229.0170,
-25.0330, -3.3770

■ 252.1850, 0.9170,
-0.0990

■ 218.0200,
-38.2830, -5.5390

■ 254.5440, 1.2840,
-1.2440

■ 206.4360,
-51.2580, -7.1780

■ 195.4390,
-64.5080, -9.3400

■ 183.5560,
-78.0790, -11.1910

■ 172.5590,
-91.3290, -13.3530

■ 160.9750,
-104.3040, -14.9920

■ 149.9780,
-117.5540, -17.1540

■ 138.3940,
-130.5290, -18.7930

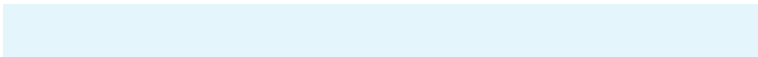
Harmonies

Analogous

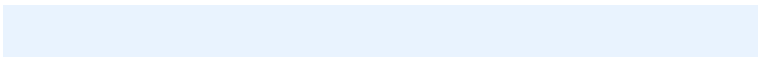
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.2050, -11.0030, -4.3390



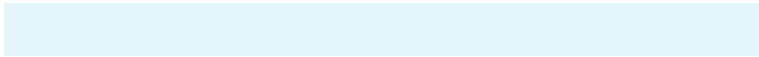
240.6010, -12.0580, -1.7380



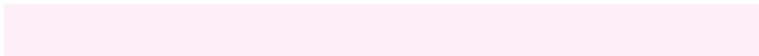
241.2640, -9.4910, 1.3010

Triad

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



240.6010, -12.0580, -1.7380



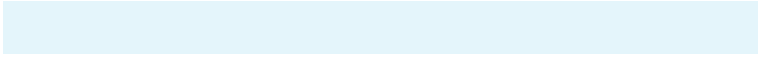
243.5820, 7.2890, 5.5690



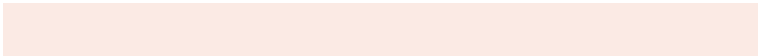
241.5180, 4.1730, -4.0430

Complementary

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



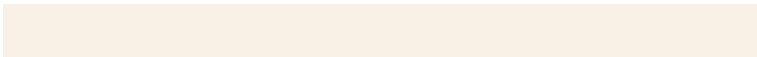
240.6010, -12.0580, -1.7380



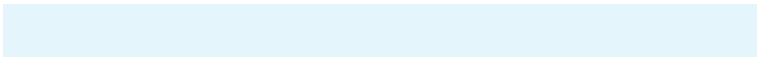
238.3990, 12.0580, 1.7380

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.



242.4370, 8.8950, -1.5130



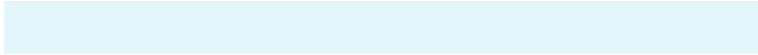
240.6010, -12.0580, -1.7380



243.0830, 10.1320, 3.6040

Square

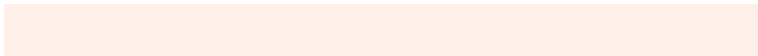
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



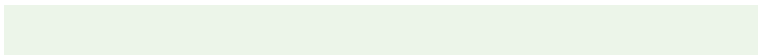
240.6010, -12.0580, -1.7380



243.0590, 1.5120, 5.6400



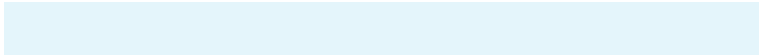
243.1000, 11.4620, 1.5260



240.9410, -1.5120, -5.6400

Rectangle

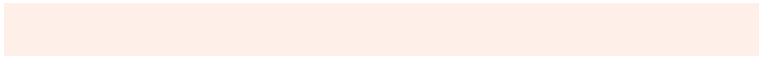
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.6010, -12.0580, -1.7380



242.1720, -6.2360, 2.8840



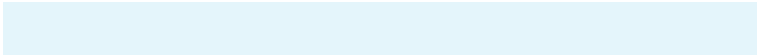
243.1000, 11.4620, 1.5260



241.8280, 6.2360, -2.8840

Sweetspot

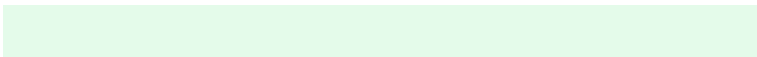
The Sweet Spot groups the original color and five complimentary colors.



240.6010, -12.0580, -1.7380



251.4340, -4.2180, -0.6500



242.1850, -8.2510, -10.1630



125.0320, -3.0260, -0.2260



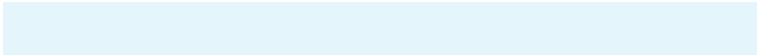
0.0000, 0.0000, 0.0000



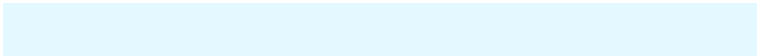
128.0000, -0.0000, -0.0000

Same Dimension

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



240.6010, -12.0580, -1.7380



242.5190, -14.7630, -2.2750



234.1440, -9.0330, 4.0150



119.3520, -6.9230, -1.1870



103.7260, -99.1690, -14.4410



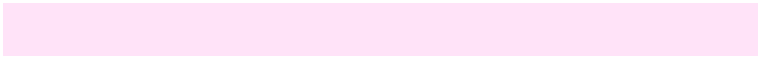
33.3690, -31.9560, -4.5640

Inverse Universe

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



236.8150, 8.2510, 10.1630



237.7660, 9.9470, 12.4670



244.8560, 9.0330, -4.0150



117.0270, 4.5380, 5.8660



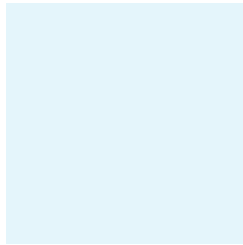
72.4710, 67.7040, 83.6080



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 240.6010, -12.0580, -1.7380 looks on a white background.

Color Contrast Check

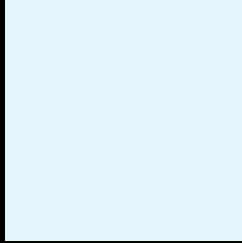
Large Text (above 18pt) WCAG AA × Fail

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 240.6010, -12.0580, -1.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

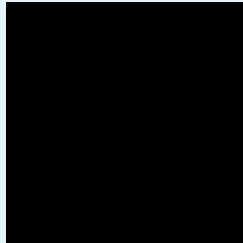
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

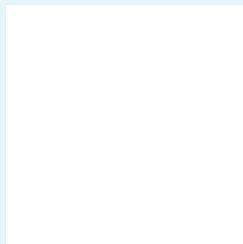
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.6010, -12.0580, -1.7380

Background



This preview shows how black text looks on a background with the YIQ color 240.6010, -12.0580, -1.7380.



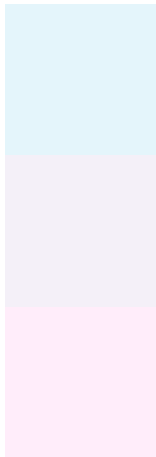
This preview shows how white text looks on a background with the YIQ color 240.6010, -12.0580, -1.7380.

-1.7380.

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

240.6010, -12.0580, -1.7380

Protanopia

242.1080, -0.1840, 3.3360

Deuteranopia

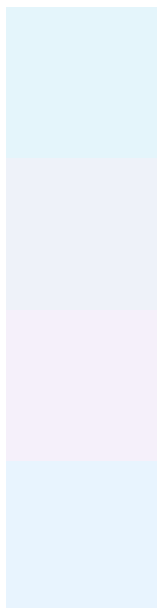
243.8640, 6.5550, 7.8590



Tritanopia

241.6770, -9.2160, 1.8240

Trichromacy



Original Color

240.6010, -12.0580, -1.7380

Protanomaly

241.6020, -4.6310, 1.3290

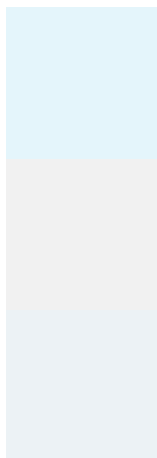
Deuteranomaly

242.6350, -0.2300, 4.1700

Tritanomaly

241.5520, -10.3620, 0.5660

Monochromacy



Original Color

240.6010, -12.0580, -1.7380

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.5480, -4.5390, -0.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.6010, -12.0580, -1.7380 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(228, 245, 251)` looks like.

```
.text, #text, p{  
    color:rgb(228, 245, 251)  
}
```

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(228, 245, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 245, 251) }
```

Border

The CSS property to change the border of an element to YIQ 240.6010, -12.0580, -1.7380 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(228, 245, 251) }
```


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

```
.border{ border-color:rgb(228, 245, 251) }
```

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

Here you see how a box with a 4 pixel rgb(228, 245, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 245, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 245, 251);  
box-shadow:4px 4px 4px 4px rgb(228, 245,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 240.6010, -12.0580, -1.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 245, 251) }
```

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

```
.background{ background-color: rgb(228,  
245, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor