

Converting Colors

YIQ(239.6610, -12.2870,
-3.0950)

Have a look what the booklet for
YIQ(239.6610, -12.2870, -3.0950)
contains.

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Color

**YIQ(239.6610, -12.2870,
-3.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F5F8
RGB	226, 245, 248
RGB Percent	89%, 96%, 97%
CMY	0.1138, 0.0392, 0.0275
CMYK	0.09, 0.01, 0.00, 0.03
HSL	188°, 61%, 93%
HSV	188°, 9%, 97%
XYZ	80.9566, 88.2531, 101.5640
YIQ	239.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

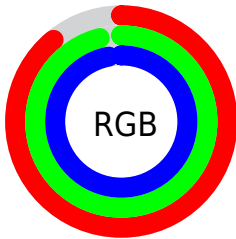
Format	Color
R_{YB}	226, 236, 248
Decimal	14874104
CIE _{Lab}	95.27, -5.64, -3.57
CIE _{LCh}	95, 6.678, 212.356
Yxy	88.2531, 0.2990, 0.3259
Android (android.graphics.Color)	4293064184 (0xFFE2F5F8)
YUV	239.6610, 4.1111, -11.9807
Hunter-Lab	93.9431, -10.5759, 1.6604

Details

The YIQ color $239.6610, -12.2870, -3.0950$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.3390, 12.2870, 3.0950$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.9600, -11.6910, -2.8830$ is the 20% darker color. If you saturate the color by 10%, you get $230.4250, -26.3620, -6.8260$, and if you desaturate by 10%, it is $248.8970, 1.7880, 0.6360$.

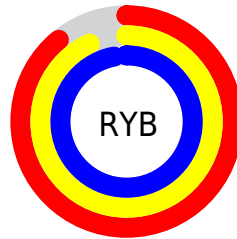
Distribution



Red (89%)

Green (96%)

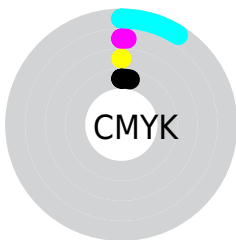
Blue (97%)



Red (89%)

Yellow (93%)

Blue (97%)

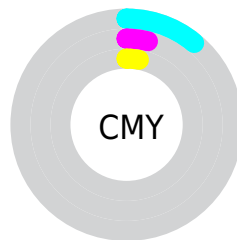


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (4%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.6610, -12.2870, -3.0950 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 239.6610, -12.2870, -3.0950 by changing the saturation by 10% instead.

■ 239.6610,
-12.2870, -3.0950

■ 239.6610,
-12.2870, -3.0950

255.0000, -0.0000,
-0.0000

■ 211.5470,
-11.9660, -3.4060

■ 183.9600,
-11.6910, -2.8830

■ 156.9600,
-11.6910, -2.8830

■ 130.8460,
-11.3700, -3.1940

■ 105.2590,
-11.0950, -2.6710

■ 81.4440, -10.1780,
-2.7700

■ 58.4440, -10.1780,

-2.7700

■ 36.7430, -9.5820,
-2.5580

■ 14.9490, -13.1580,
-3.8300

■ 239.6610,
-12.2870, -3.0950

■ 239.6610,
-12.2870, -3.0950

■ 230.4250,
-26.3620, -6.8260

■ 248.8970, 1.7880,
0.6360

■ 220.6020,
-40.1620, -10.0340

■ 252.4410, 3.0720,
-0.6080

■ 211.6650,
-53.6410, -13.5530

■ 254.2020, 2.2470,
-2.1770

■ 202.4290,
-67.7160, -17.2840

■ 192.6060,
-81.5160, -20.4920

■ 183.3700,
-95.5910, -24.2230

■ 174.1340,
-109.6660, -27.9540

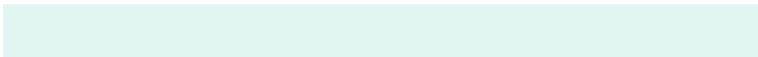
■ 164.6100,
-122.8700, -30.9500

■ 155.3740,
-136.9450, -34.6810

Harmonies

Analogous

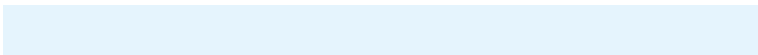
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.2760, -9.7650, -4.7490



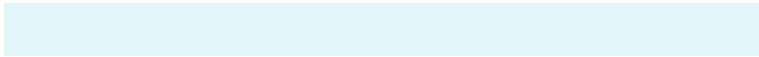
239.6610, -12.2870, -3.0950



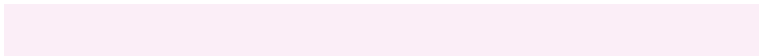
240.5410, -11.8290, -0.3810

Triad

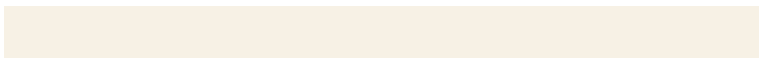
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.6610, -12.2870, -3.0950



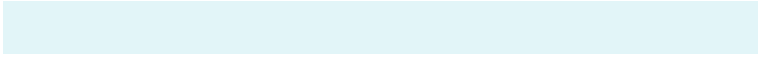
242.9130, 4.8590, 5.5550



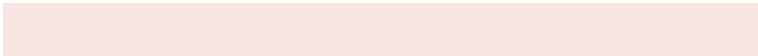
241.4260, 7.4280, -2.4600

Complementary

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



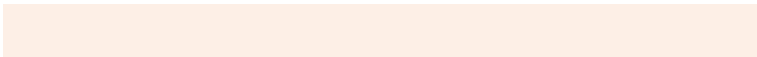
239.6610, -12.2870, -3.0950



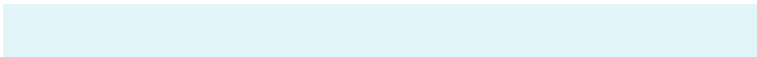
234.3390, 12.2870, 3.0950

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.



242.1600, 11.2330, 0.1690



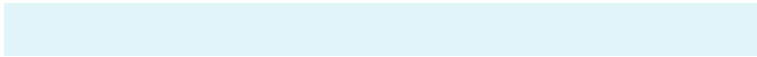
239.6610, -12.2870, -3.0950



242.8380, 9.4440, 5.0600

Square

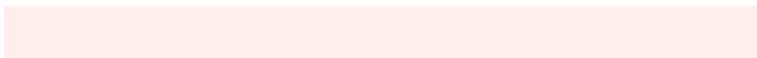
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.6610, -12.2870, -3.0950



242.2650, -2.0640, 4.3680



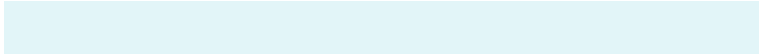
242.7410, 11.0950, 2.6710



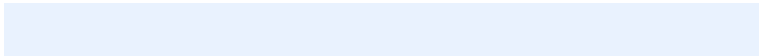
240.3220, 1.7890, -4.8910

Rectangle

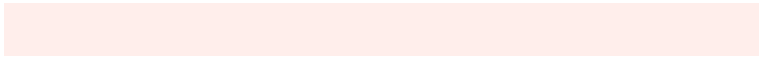
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



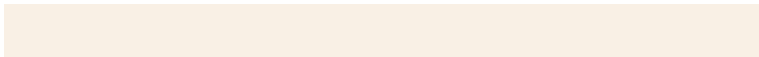
239.6610, -12.2870, -3.0950



240.6770, -9.2160, 1.8240



242.7410, 11.0950, 2.6710



241.4370, 8.8950, -1.5130

Sweetspot

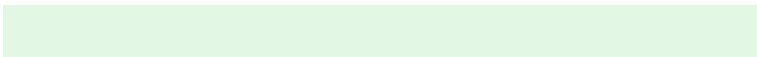
The Sweet Spot groups the original color and five complimentary colors.



239.6610, -12.2870, -3.0950



252.0210, -4.4930, -1.1730



239.2560, -7.0130, -10.5730



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000



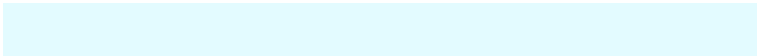
128.0000, -0.0000, -0.0000

Same Dimension

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



239.6610, -12.2870, -3.0950



244.2800, -15.5880, -3.8440



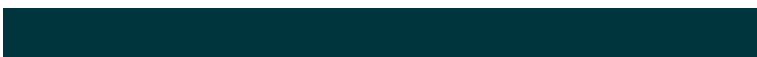
233.2040, -9.2620, 2.6580



119.9390, -7.1980, -1.7100



117.2270, -105.4940, -26.4700



38.0650, -34.1560, -8.7480

Inverse Universe

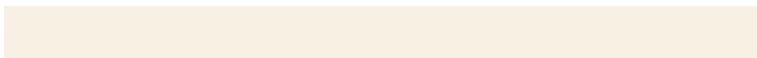
The Inverse Universe completely reimagines the original color for something new.



234.7440, 7.0130, 10.5730



238.1080, 8.9840, 13.4000



240.7960, 9.2620, -2.6580



117.1410, 4.2170, 6.1770



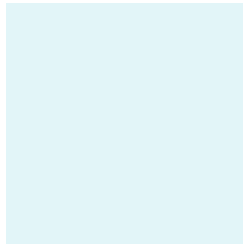
75.0930, 60.3210, 90.7610



24.2810, 19.3430, 29.4150

Previews

White Background



This preview shows how the YIQ color 239.6610, -12.2870, -3.0950 looks on a white background.

Color Contrast Check

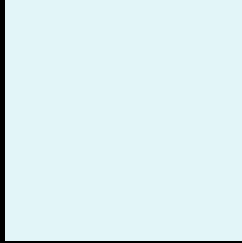
Large Text (above 18pt) WCAG AA × Fail

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 239.6610, -12.2870, -3.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

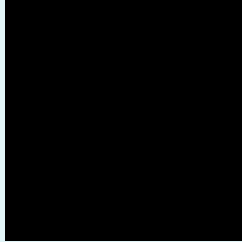
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.6610, -12.2870, -3.0950

Background



This preview shows how black text looks on a background with the YIQ color 239.6610, -12.2870, -3.0950.



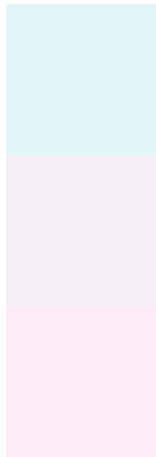
This preview shows how white text looks on a background with the YIQ color 239.6610, -12.2870, -3.0950.

-3.0950.

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

239.6610, -12.2870, -3.0950

Protanopia

241.7660, 0.7790, 2.4030

Deuteranopia

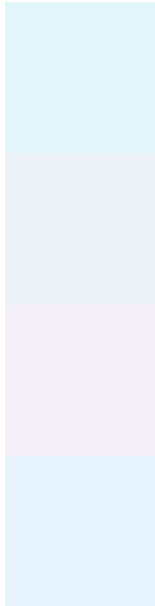
243.0490, 7.4720, 7.7600



Tritanopia

240.7910, -9.5370, 2.1350

Trichromacy



Original Color

239.6610, -12.2870, -3.0950

Protanomaly

240.9610, -4.2640, 0.1840

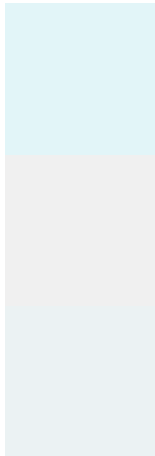
Deuteranomaly

241.5210, 0.0910, 3.8590

Tritanomaly

240.1390, -10.6370, 0.0430

Monochromacy



Original Color

239.6610, -12.2870, -3.0950

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.6610, -12.2870, -3.0950 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(226, 245, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 245, 248)  
}
```

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(226, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 245, 248) }
```

Border

The CSS property to change the border of an element to YIQ 239.6610, -12.2870, -3.0950 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(226, 245, 248) }
```


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

```
.border{ border-color:rgb(226, 245, 248) }
```

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

Here you see how a box with a 4 pixel rgb(226, 245, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 245,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 239.6610, -12.2870, -3.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 245, 248) }
```

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

```
.background{ background-color: rgb(226,  
245, 248) }
```

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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