

Converting Colors

YIQ(241.7650, -6.6480, -0.6640)

Have a look what the booklet for
YIQ(241.7650, -6.6480, -0.6640)
contains.

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Color

**YIQ(241.7650, -6.6480,
-0.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF4F8
RGB	235, 244, 248
RGB Percent	92%, 96%, 97%
CMY	0.0784, 0.0431, 0.0275
CMYK	0.05, 0.02, 0.00, 0.03
HSL	198°, 48%, 95%
HSV	198°, 5%, 97%
XYZ	83.5533, 89.1418, 101.6032
YIQ	241.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

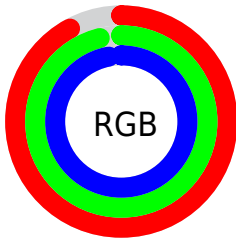
Format	Color
R _Y B	235, 240, 248
Decimal	15463672
CIE Lab	95.64, -2.23, -2.96
CIE LCh	96, 3.705, 232.961
Yxy	89.1418, 0.3046, 0.3250
Android (android.graphics.Color)	4293653752 (0xFFEBF4F8)
YUV	241.7650, 3.0739, -5.9329
Hunter-Lab	94.4150, -7.2611, 2.2865

Details

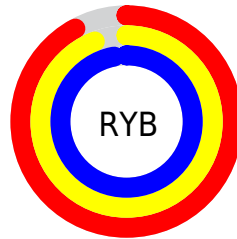
The YIQ color $241.7650, -6.6480, -0.6640$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.2350, 6.6480, 0.6640$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.7650, -6.6480, -0.6640$ is the 20% darker color. If you saturate the color by 10%, you get $229.5940, -19.3480, -1.7800$, and if you desaturate by 10%, it is $252.4410, 3.0720, -0.6080$.

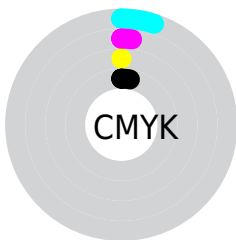
Distribution



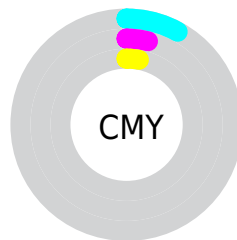
- Red (92%)
- Green (96%)
- Blue (97%)



- Red (92%)
- Yellow (94%)
- Blue (97%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.7650, -6.6480, -0.6640 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 241.7650, -6.6480, -0.6640 by changing the saturation by 10% instead.

■ 241.7650, -6.6480,
-0.6640

■ 241.7650, -6.6480,
-0.6640

255.0000, -0.0000,
-0.0000

■ 213.6510, -6.3270,
-0.9750

■ 185.7650, -6.6480,
-0.6640

■ 158.7650, -6.6480,
-0.6640

■ 132.9500, -5.7310,
-0.7630

■ 107.3630, -5.4560,
-0.2400

■ 83.2490, -5.1350,
-0.5510

■ 60.2490, -5.1350,

-0.5510

■ 38.2490, -5.1350,
-0.5510

■ 17.6510, -6.3270,
-0.9750

■ 241.7650, -6.6480,
-0.6640

■ 241.7650, -6.6480,
-0.6640

■ 229.5940,
-19.3480, -1.7800

■ 252.4410, 3.0720,
-0.6080

■ 218.0100,
-32.3230, -3.4190

■ 254.2020, 2.2470,
-2.1770

■ 206.1380,
-44.4270, -4.3230

■ 194.5540,
-57.4020, -5.9620

■ 182.3830,
-70.1020, -7.0780

■ 170.2120,
-82.8020, -8.1940

■ 158.6280,
-95.7770, -9.8330

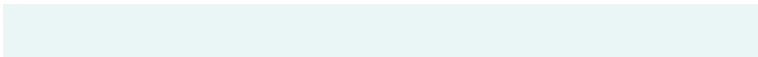
■ 146.7560,
-107.8810, -10.7370

■ 135.1720,
-120.8560, -12.3760

Harmonies

Analogous

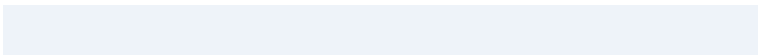
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7110, -6.5560, -2.3320



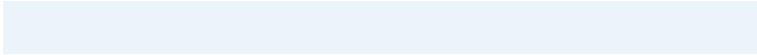
241.7650, -6.6480, -0.6640



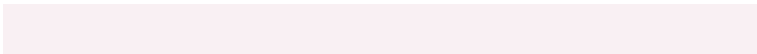
242.1890, -4.9060, 0.8060

Triad

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



241.7650, -6.6480, -0.6640



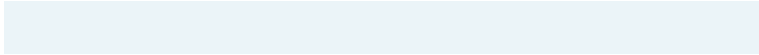
243.0330, 4.4010, 2.8410



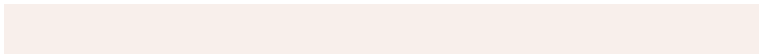
241.9030, 1.6510, -2.3890

Complementary

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



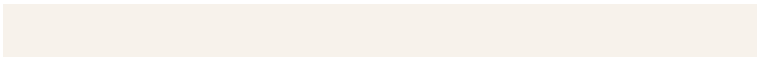
241.7650, -6.6480, -0.6640



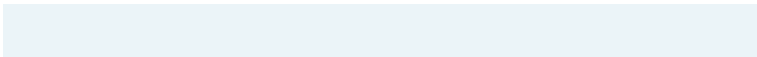
241.2350, 6.6480, 0.6640

Split Complementary

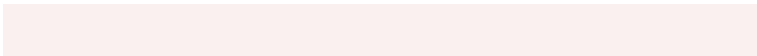
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6970, 5.2270, -1.1170



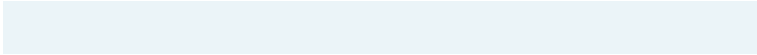
241.7650, -6.6480, -0.6640



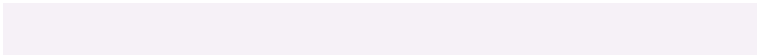
243.2890, 6.5560, 2.3320

Square

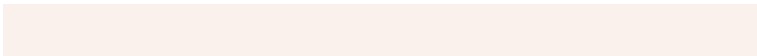
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



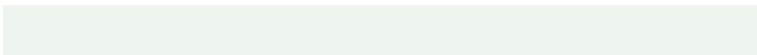
241.7650, -6.6480, -0.6640



243.1790, 1.0540, 2.9260



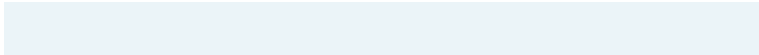
243.2350, 6.6480, 0.6640



241.5220, -1.6500, -3.1380

Rectangle

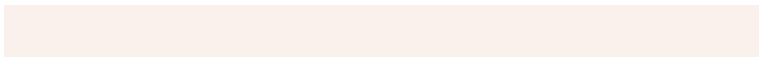
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.7650, -6.6480, -0.6640



242.4990, -2.8430, 1.9650



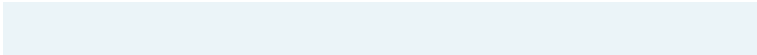
243.2350, 6.6480, 0.6640



242.3870, 3.1640, -2.2760

Sweetspot

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



241.7650, -6.6480, -0.6640



252.3310, -2.4300, -0.0140



243.0870, -4.8590, -5.5550



126.5160, -1.5130, -0.1130



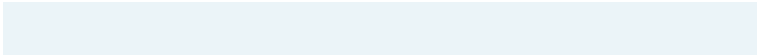
0.0000, 0.0000, 0.0000



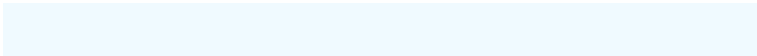
128.0000, -0.0000, -0.0000

Same Dimension

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



241.7650, -6.6480, -0.6640



247.5800, -7.5650, -0.5650



238.2430, -4.9980, 2.4740



120.5480, -4.5390, -0.3390



98.4430, -96.6940, -9.7340



31.6080, -31.1310, -2.9950

Inverse Universe

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



239.9130, 4.8590, 5.5550



245.6250, 5.7300, 6.2900



244.7570, 4.9980, -2.4740



119.3750, 3.4380, 3.7740



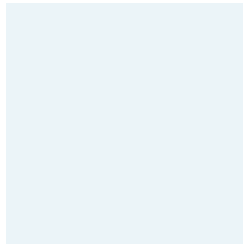
71.4450, 70.5930, 80.8090



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 241.7650, -6.6480, -0.6640 looks on a white background.

Color Contrast Check

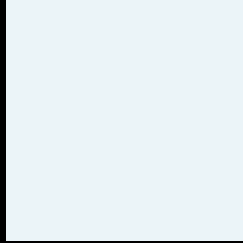
Large Text (above 18pt) WCAG AA × Fail

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 241.7650, -6.6480, -0.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

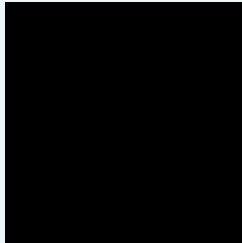
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

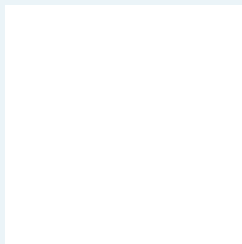
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.7650, -6.6480, -0.6640

Background



This preview shows how black text looks on a background with the YIQ color 241.7650, -6.6480, -0.6640.



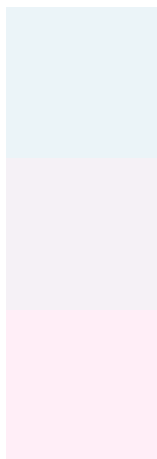
This preview shows how white text looks on a background with the YIQ color 241.7650, -6.6480, -0.6640.

-0.6640.

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

241.7650, -6.6480, -0.6640

Protanopia

242.7660, 0.7790, 2.4030

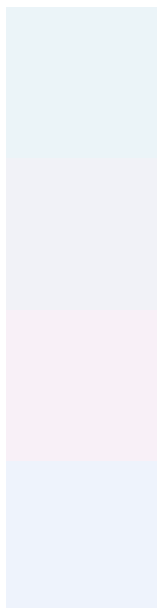
Deuteranopia

244.1090, 7.2430, 6.4030

Tritanopia

242.5850, -5.9610, 3.4070

Trichromacy



Original Color

241.7650, -6.6480, -0.6640

Protanomaly

242.2710, -2.2010, 1.3430

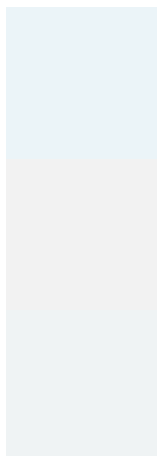
Deuteranomaly

243.1900, 2.5210, 3.8730

Tritanomaly

242.5310, -5.8690, 1.7390

Monochromacy



Original Color

241.7650, -6.6480, -0.6640

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

241.9180, -2.7050, -0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.7650, -6.6480, -0.6640 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(235, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(235, 244, 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(235, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 244, 248) }
```

Border

The CSS property to change the border of an element to YIQ 241.7650, -6.6480, -0.6640 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(235, 244, 248) }
```


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

```
.border{ border-color:rgb(235, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(235, 244,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 241.7650, -6.6480, -0.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 244, 248) }
```

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

```
.background{ background-color: rgb(235,  
244, 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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