

Converting Colors

YIQ(231.7650, -6.6480, -0.6640)

Have a look what the booklet for
YIQ(231.7650, -6.6480, -0.6640)
contains.

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Color

**YIQ(231.7650, -6.6480,
-0.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EAEE
RGB	225, 234, 238
RGB Percent	88%, 92%, 93%
CMY	0.1177, 0.0823, 0.0667
CMYK	0.05, 0.02, 0.00, 0.07
HSL	198°, 28%, 91%
HSV	198°, 5%, 93%
XYZ	75.9052, 81.0272, 92.5223
YIQ	231.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

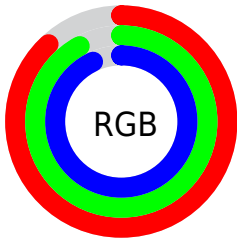
Format	Color
R_{YB}	225, 230, 238
Decimal	14805742
CIE _{Lab}	92.14, -2.25, -2.98
CIE _{LCh}	92, 3.732, 232.972
Yxy	81.0272, 0.3043, 0.3248
Android (android.graphics.Color)	4292995822 (0xFFE1EAE6)
YUV	231.7650, 3.0739, -5.9329
Hunter-Lab	90.0151, -7.0063, 2.0692

Details

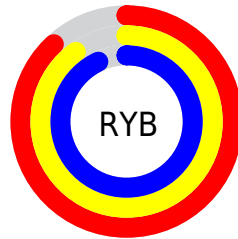
The YIQ color $231.7650, -6.6480, -0.6640$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.2350, 6.6480, 0.6640$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.0640, -6.0520, -0.4520$ is the 20% darker color. If you saturate the color by 10%, you get $220.4800, -19.0270, -2.0910$, and if you desaturate by 10%, it is $243.0500, 5.7310, 0.7630$.

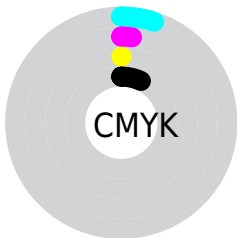
Distribution



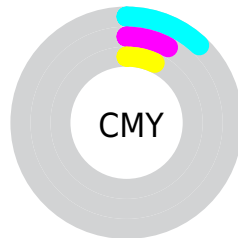
- Red (88%)
- Green (92%)
- Blue (93%)



- Red (88%)
- Yellow (90%)
- Blue (93%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.7650, -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 231.7650, -6.6480, -0.6640 by changing the saturation by 10% instead.

■ 231.7650, -6.6480,
-0.6640

■ 231.7650, -6.6480,
-0.6640

255.0000, -0.0000,
-0.0000

■ 203.7650, -6.6480,
-0.6640

■ 176.0640, -6.0520,
-0.4520

■ 149.6510, -6.3270,
-0.9750

■ 123.9500, -5.7310,
-0.7630

■ 98.9500, -5.7310,
-0.7630

■ 74.9500, -5.7310,
-0.7630

■ 52.2490, -5.1350,

-0.5510

■ 31.2490, -5.1350,
-0.5510

■ 7.4660, -7.2440,
-0.8760

■ 231.7650, -6.6480,
-0.6640

■ 231.7650, -6.6480,
-0.6640

■ 220.4800,
-19.0270, -2.0910

■ 243.0500, 5.7310,
0.7630

■ 208.6080,
-31.1310, -2.9950

■ 249.5400, 7.1070,
-2.1490

■ 197.6220,
-42.9140, -4.2100

■ 253.0620, 5.4570,
-5.2870

■ 186.3370,
-55.2930, -5.6370

■ 175.0520,
-67.6720, -7.0640

■ 163.1800,
-79.7760, -7.9680

■ 151.8950,
-92.1550, -9.3950

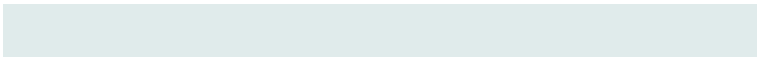
■ 140.9090,
-103.9380, -10.6100

■ 129.0370,
-116.0420, -11.5140

Harmonies

Analogous

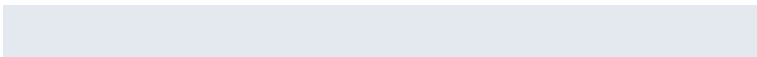
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.7110, -6.5560, -2.3320



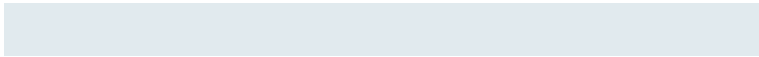
231.7650, -6.6480, -0.6640



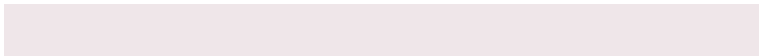
232.1890, -4.9060, 0.8060

Triad

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



231.7650, -6.6480, -0.6640



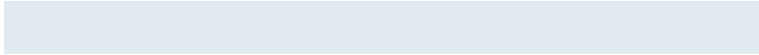
233.0330, 4.4010, 2.8410



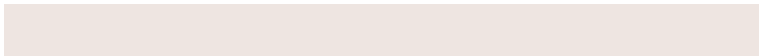
231.9030, 1.6510, -2.3890

Complementary

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



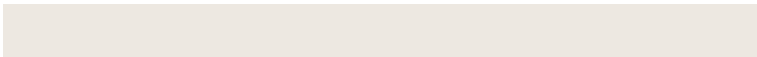
231.7650, -6.6480, -0.6640



231.2350, 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.



232.6970, 5.2270, -1.1170



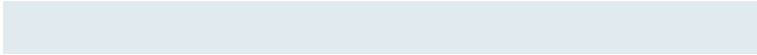
231.7650, -6.6480, -0.6640



233.2890, 6.5560, 2.3320

Square

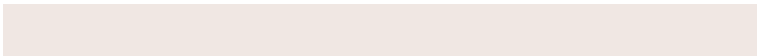
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



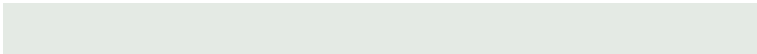
231.7650, -6.6480, -0.6640



233.1790, 1.0540, 2.9260



233.2350, 6.6480, 0.6640



231.5220, -1.6500, -3.1380

Rectangle

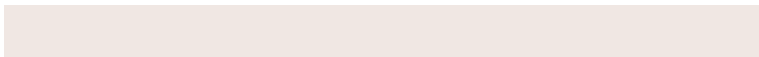
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.7650, -6.6480, -0.6640



232.4990, -2.8430, 1.9650



233.2350, 6.6480, 0.6640



232.3870, 3.1640, -2.2760

Sweetspot

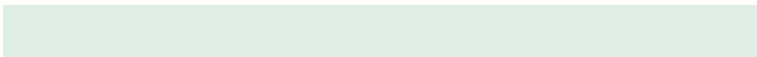
The Sweet Spot groups the original color and five complimentary colors.



231.7650, -6.6480, -0.6640



252.3310, -2.4300, -0.0140



233.0870, -4.8590, -5.5550



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



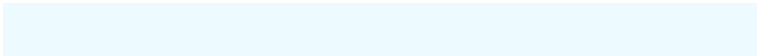
128.0000, -0.0000, -0.0000

Same Dimension

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



231.7650, -6.6480, -0.6640



246.6830, -9.3530, -1.2010



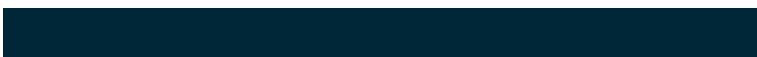
228.2430, -4.9980, 2.4740



115.2490, -5.1350, -0.5510



95.5250, -93.9890, -9.1970



29.2770, -28.7010, -2.9810

Inverse Universe

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



229.9130, 4.8590, 5.5550



243.8640, 6.5550, 7.8590



234.7570, 4.9980, -2.4740



113.7880, 3.7130, 4.2970



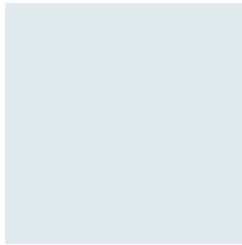
69.4940, 68.8970, 78.5050



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 231.7650, -6.6480, -0.6640 looks on a white background.

Color Contrast Check

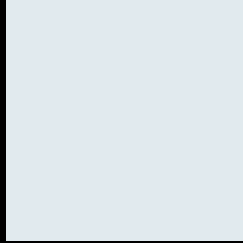
Large Text (above 18pt) WCAG AA × Fail

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 231.7650, -6.6480, -0.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

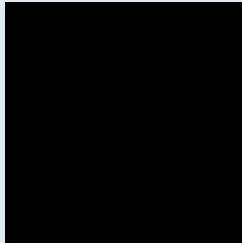
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

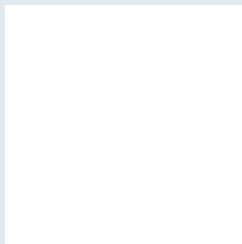
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.7650, -6.6480, -0.6640

Background



This preview shows how black text looks on a background with the YIQ color 231.7650, -6.6480, -0.6640.



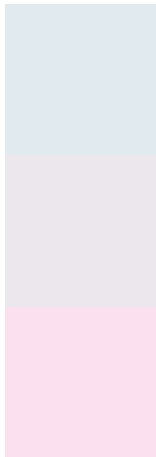
This preview shows how white text looks on a background with the YIQ color 231.7650, -6.6480, -0.6640.

-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

231.7650, -6.6480, -0.6640

Protanopia

232.7660, 0.7790, 2.4030

Deuteranopia

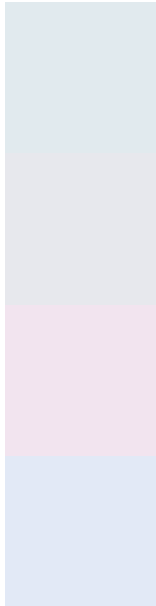
234.4840, 10.6810, 10.1770



Tritanopia

232.5570, -8.7580, 4.5380

Trichromacy



Original Color

231.7650, -6.6480, -0.6640

Protanomaly

232.2710, -2.2010, 1.3430

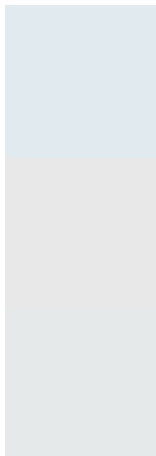
Deuteranomaly

233.4400, 4.8130, 6.3890

Tritanomaly

232.3890, -8.3450, 2.5590

Monochromacy



Original Color

231.7650, -6.6480, -0.6640

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.9180, -2.7050, -0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.7650, -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(225, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(225, 234, 238)  
}
```

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(225, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 234, 238) }
```

Border

The CSS property to change the border of an element to YIQ 231.7650, -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(225, 234, 238) }
```


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

```
.border{ border-color:rgb(225, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(225, 234,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 231.7650, -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(225, 234, 238) }
```

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

```
.background{ background-color: rgb(225,  
234, 238) }
```

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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