

Converting Colors

YIQ(231.9760, -8.6200, 2.0360)

Have a look what the booklet for
YIQ(231.9760, -8.6200, 2.0360)
contains.

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Color

**YIQ(231.9760, -8.6200,
2.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E9F5
RGB	225, 233, 245
RGB Percent	88%, 91%, 96%
CMY	0.1177, 0.0862, 0.0393
CMYK	0.08, 0.05, 0.00, 0.04
HSL	216°, 50%, 92%
HSV	216°, 8%, 96%
XYZ	76.6700, 80.8787, 97.9475
YIQ	231.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

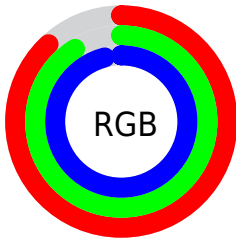
Format	Color
R _Y B	225, 231, 245
Decimal	14805493
CIE Lab	92.08, -0.41, -6.73
CIE LCh	92, 6.739, 266.512
Yxy	80.8787, 0.3001, 0.3166
Android (android.graphics.Color)	4292995573 (0xFFE1E9F5)
YUV	231.9760, 6.4208, -6.1180
Hunter-Lab	89.9326, -5.2059, -1.6212

Details

The YIQ color $231.9760, -8.6200, 2.0360$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.0240, 8.6200, -2.0360$, 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 $176.2750, -8.0240, 2.2480$ is the 20% darker color. If you saturate the color by 10%, you get $215.6960, -19.3950, 4.5810$, and if you desaturate by 10%, it is $247.9570, 1.5590, -0.7210$.

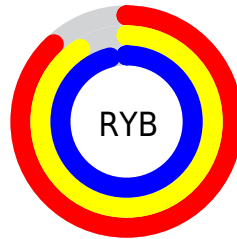
Distribution



Red (88%)

Green (91%)

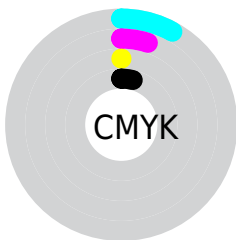
Blue (96%)



Red (88%)

Yellow (91%)

Blue (96%)

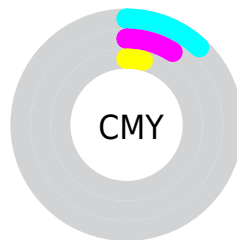


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.9760, -8.6200, 2.0360 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 231.9760, -8.6200, 2.0360 by changing the saturation by 10% instead.

■ 231.9760, -8.6200,
2.0360

■ 231.9760, -8.6200,
2.0360

255.0000, -0.0000,
-0.0000

■ 203.9760, -8.6200,
2.0360

■ 176.2750, -8.0240,
2.2480

■ 149.8620, -8.2990,
1.7250

■ 124.1610, -7.7030,
1.9370

■ 99.0470, -7.3820,
1.6260

■ 75.0470, -7.3820,
1.6260

■ 52.3460, -6.7860,

1.8380

■ 31.2320, -6.4650,
1.5270

■ 7.6770, -9.2160,
1.8240

■ 231.9760, -8.6200,
2.0360

■ 231.9760, -8.6200,
2.0360

■ 215.6960,
-19.3950, 4.5810

■ 247.9570, 1.5590,
-0.7210

■ 200.3020,
-29.8490, 6.8150

■ 253.8600, 3.2100,
-3.1100

■ 184.3210,
-40.0280, 9.5720

■ 168.0410,
-50.8030, 12.1170

■ 152.6470,
-61.2570, 14.3510

■ 136.3670,
-72.0320, 16.8960

■ 120.3860,
-82.2110, 19.6530

■ 104.6930,
-93.2610, 21.6750

■ 88.7120,
-103.4400, 24.4320

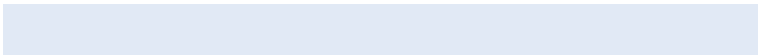
Harmonies

Analogous

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



231.1280, -12.1040, -0.9040



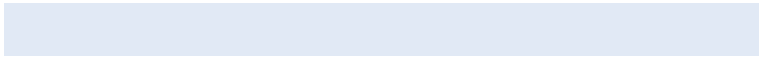
231.9760, -8.6200, 2.0360



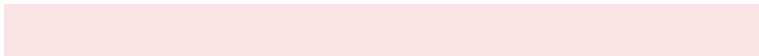
233.0800, -2.9810, 4.4670

Triad

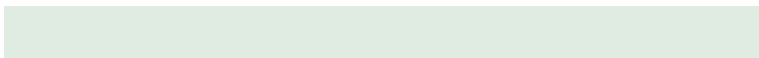
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.9760, -8.6200, 2.0360



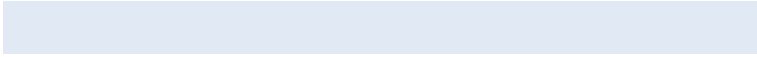
233.5670, 11.6450, 3.7170



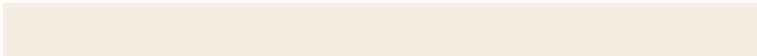
230.5710, -3.3460, -5.4420

Complementary

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



231.9760, -8.6200, 2.0360



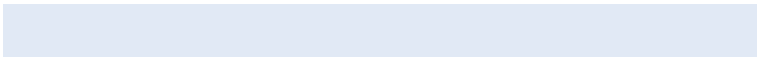
238.0240, 8.6200, -2.0360

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.



231.6210, 2.3850, -4.6790



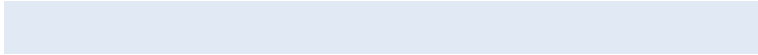
231.9760, -8.6200, 2.0360



233.2740, 10.9120, 0.4800

Square

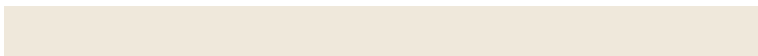
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



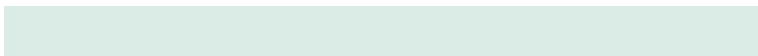
231.9760, -8.6200, 2.0360



233.6530, 8.5270, 5.1590



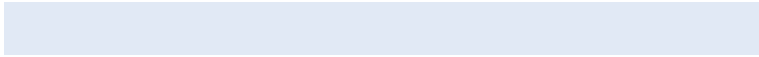
232.6110, 8.3450, -2.5590



230.3470, -8.5270, -5.1590

Rectangle

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



231.9760, -8.6200, 2.0360



233.6460, 1.2370, 5.1170



232.6110, 8.3450, -2.5590



230.9410, -1.5120, -5.6400

Sweetspot

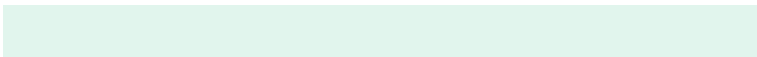
The Sweet Spot groups the original color and five complimentary colors.



231.9760, -8.6200, 2.0360



251.7440, -2.1550, 0.5090



238.1080, -9.3520, -6.7280



125.9290, -1.2380, 0.4100



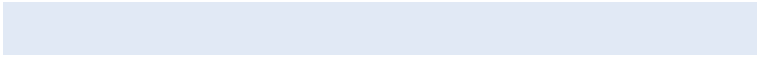
0.0000, 0.0000, 0.0000



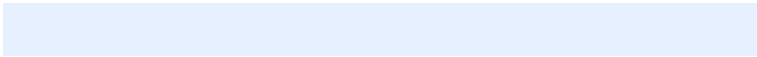
128.0000, -0.0000, -0.0000

Same Dimension

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



231.9760, -8.6200, 2.0360



238.7200, -10.7750, 2.5450



227.8780, -5.2280, 6.6440



114.3030, -5.2270, 1.1170



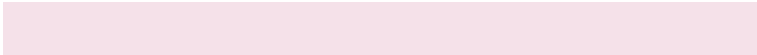
65.2290, -80.3310, 18.6210



20.2270, -25.2640, 6.3200

Inverse Universe

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



231.8920, 9.3520, 6.7280



238.6150, 11.6900, 8.4100



242.1220, 5.2280, -6.6440



114.1580, 5.5470, 4.0990



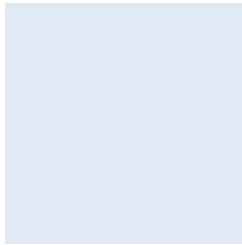
64.1640, 86.7810, 62.7570



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 231.9760, -8.6200, 2.0360 looks on a white background.

Color Contrast Check

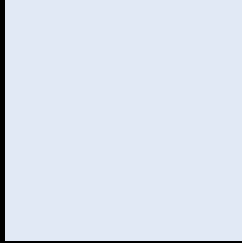
Large Text (above 18pt) WCAG AA × Fail

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 231.9760, -8.6200, 2.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

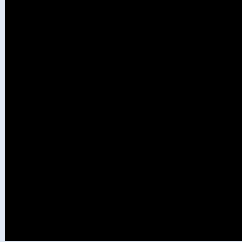
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

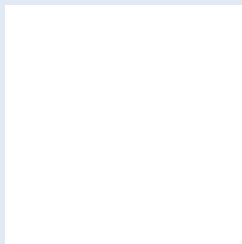
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.9760, -8.6200, 2.0360

Background



This preview shows how black text looks on a background with the YIQ color 231.9760, -8.6200, 2.0360.



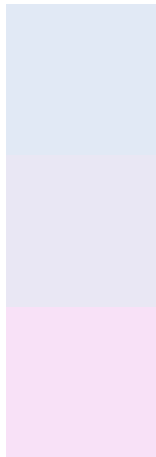
This preview shows how white text looks on a background with the YIQ color 231.9760, -8.6200,

2.0360.

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

231.9760, -8.6200, 2.0360

Protanopia

233.0800, -2.9810, 4.4670

Deuteranopia

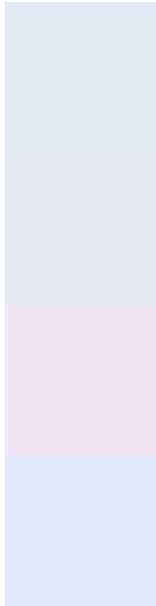
234.3850, 6.6460, 11.7180



Tritanopia

232.3720, -9.6750, 4.6370

Trichromacy



Original Color

231.9760, -8.6200, 2.0360

Protanomaly

232.7700, -5.0440, 3.3080

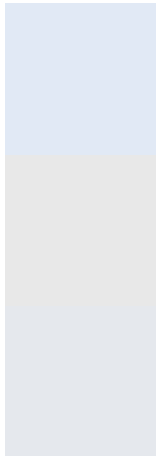
Deuteranomaly

233.6400, 1.3740, 8.1420

Tritanomaly

232.1440, -9.0330, 4.0150

Monochromacy



Original Color

231.9760, -8.6200, 2.0360

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.6730, -3.3930, 0.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.9760, -8.6200, 2.0360 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, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 233, 245)  
}
```

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, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 233, 245) }
```

Border

The CSS property to change the border of an element to YIQ 231.9760, -8.6200, 2.0360 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, 233, 245) }
```


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

```
.border{ border-color:rgb(225, 233, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(225, 233,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 231.9760, -8.6200, 2.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 233, 245) }
```

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

```
.background{ background-color: rgb(225,  
233, 245) }
```

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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