

Converting Colors

YIQ(230.9220, -8.5280, 0.3680)

Have a look what the booklet for
YIQ(230.9220, -8.5280, 0.3680)
contains.

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Color

**YIQ(230.9220, -8.5280,
0.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE9F1
RGB	223, 233, 241
RGB Percent	87%, 91%, 95%
CMY	0.1255, 0.0862, 0.0549
CMYK	0.07, 0.03, 0.00, 0.05
HSL	207°, 39%, 91%
HSV	207°, 7%, 95%
XYZ	75.4457, 80.3177, 94.7375
YIQ	230.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

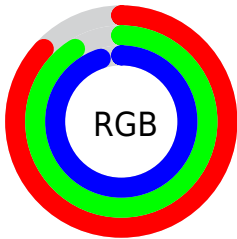
Format	Color
R _Y B	223, 229, 241
Decimal	14674417
CIE Lab	91.83, -1.82, -5.03
CIE LCh	92, 5.345, 250.080
Yxy	80.3177, 0.3012, 0.3206
Android (android.graphics.Color)	4292864497 (0xFFDFE9F1)
YUV	230.9220, 4.9685, -6.9476
Hunter-Lab	89.6201, -6.5670, 0.0586

Details

The YIQ color **230.9220, -8.5280, 0.3680** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **233.0780, 8.5280, -0.3680**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.2210, -7.9320, 0.5800** is the 20% darker color. If you saturate the color by 10%, you get **217.2890, -19.8070, 1.0330**, and if you desaturate by 10%, it is **244.5550, 2.7510, -0.2970**.

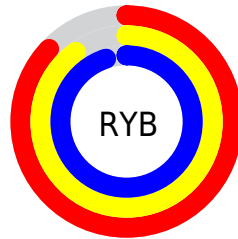
Distribution



Red (87%)

Green (91%)

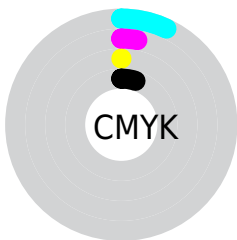
Blue (95%)



Red (87%)

Yellow (90%)

Blue (95%)

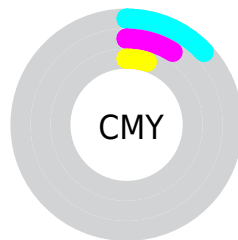


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.9220, -8.5280, 0.3680 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 230.9220, -8.5280, 0.3680 by changing the saturation by 10% instead.

■ 230.9220, -8.5280,
0.3680

■ 230.9220, -8.5280,
0.3680

255.0000, -0.0000,
-0.0000

■ 202.9220, -8.5280,
0.3680

■ 175.2210, -7.9320,
0.5800

■ 148.8080, -8.2070,
0.0570

■ 123.1070, -7.6110,
0.2690

■ 98.1070, -7.6110,
0.2690

■ 74.4060, -7.0150,
0.4810

■ 51.4060, -7.0150,

0.4810

■ 30.2920, -6.6940,
0.1700

■ 7.2210, -7.9320,
0.5800

■ 230.9220, -8.5280,
0.3680

■ 230.9220, -8.5280,
0.3680

■ 217.2890,
-19.8070, 1.0330

■ 244.5550, 2.7510,
-0.2970

■ 204.2430,
-31.3610, 1.1750

■ 252.8170, 4.7690,
-3.8310

■ 190.6100,
-42.6400, 1.8400

■ 253.4040, 4.4940,
-4.3540

■ 176.9770,
-53.9190, 2.5050

■ 163.9310,
-65.4730, 2.6470

■ 149.9990,
-77.3480, 3.1000

■ 136.3660,
-88.6270, 3.7650

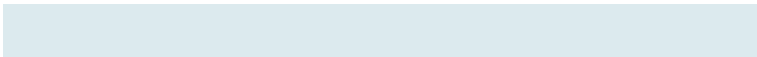
■ 122.7330,
-99.9060, 4.4300

■ 109.6870,
-111.4600, 4.5720

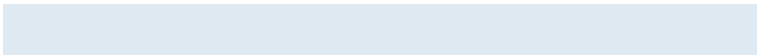
Harmonies

Analogous

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



230.2700, -9.6280, -1.7240



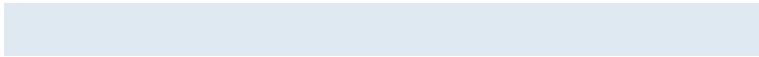
230.9220, -8.5280, 0.3680



231.6560, -4.7230, 2.9970

Triad

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



230.9220, -8.5280, 0.3680



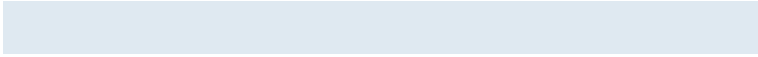
232.7130, 8.2980, 3.8020



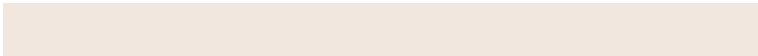
230.4790, -0.0910, -3.8590

Complementary

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



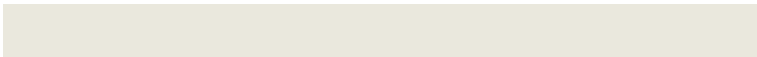
230.9220, -8.5280, 0.3680



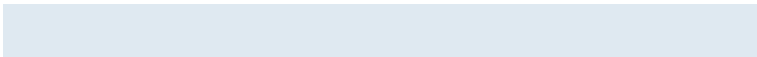
233.0780, 8.5280, -0.3680

Split Complementary

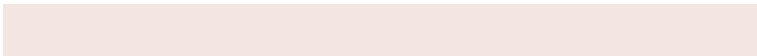
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.3440, 4.7230, -2.9970



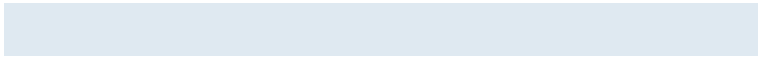
230.9220, -8.5280, 0.3680



232.7300, 9.6280, 1.7240

Square

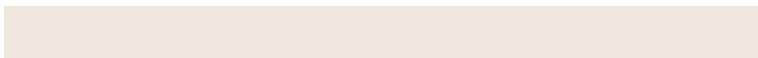
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.9220, -8.5280, 0.3680



232.9730, 4.6300, 4.1980



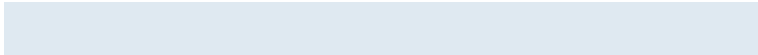
231.7790, 7.9320, -0.5800



230.0270, -4.6300, -4.1980

Rectangle

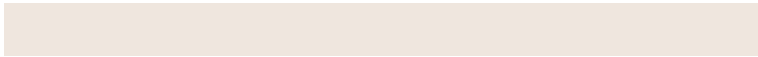
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.9220, -8.5280, 0.3680



232.0370, -1.4220, 3.7460



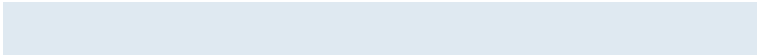
231.7790, 7.9320, -0.5800



230.9630, 1.4220, -3.7460

Sweetspot

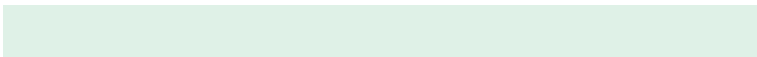
The Sweet Spot groups the original color and five complimentary colors.



230.9220, -8.5280, 0.3680



252.3310, -2.4300, -0.0140



234.4780, -7.5180, -6.9260



125.9290, -1.2380, 0.4100



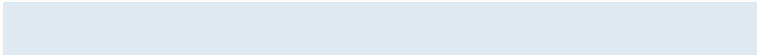
0.0000, 0.0000, 0.0000



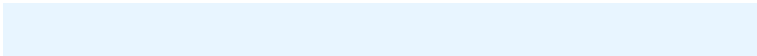
128.0000, -0.0000, -0.0000

Same Dimension

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



230.9220, -8.5280, 0.3680



242.2530, -10.9580, 0.3540



225.6390, -6.0530, 5.0750



113.4770, -5.7770, 0.0710



80.8500, -87.1140, 3.8780



24.5810, -26.5010, 1.2030

Inverse Universe

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



229.5220, 7.5180, 6.9260



240.3590, 9.5350, 8.9190



238.3610, 6.0530, -5.0750



112.3860, 4.9050, 4.7210



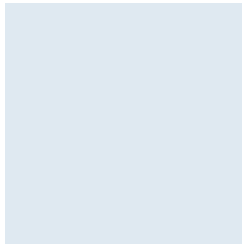
66.6440, 76.9220, 70.7300



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 230.9220, -8.5280, 0.3680 looks on a white background.

Color Contrast Check

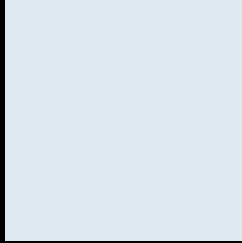
Large Text (above 18pt) WCAG AA × Fail

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 230.9220, -8.5280, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

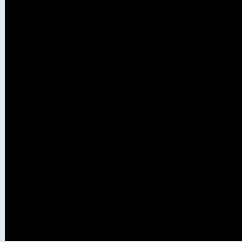
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

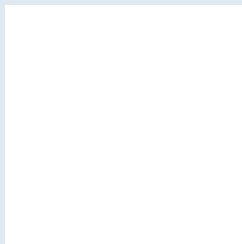
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.9220, -8.5280, 0.3680

Background



This preview shows how black text looks on a background with the YIQ color 230.9220, -8.5280, 0.3680.



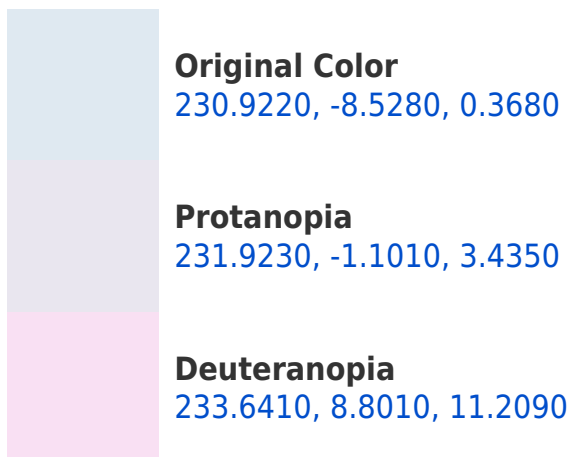
This preview shows how white text looks on a background with the YIQ color 230.9220, -8.5280,

0.3680.

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

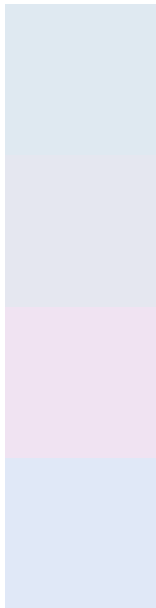




Tritanopia

231.6600, -10.5460, 3.9020

Trichromacy



Original Color

230.9220, -8.5280, 0.3680

Protanomaly

231.4280, -4.0810, 2.3750

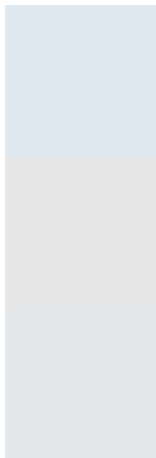
Deuteranomaly

232.5970, 2.9330, 7.4210

Tritanomaly

231.3180, -9.5830, 2.9690

Monochromacy



Original Color

230.9220, -8.5280, 0.3680

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.1460, -3.3470, 0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9220, -8.5280, 0.3680 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(223, 233, 241)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 241)  
}
```

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(223, 233, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 241) }
```

Border

The CSS property to change the border of an element to YIQ 230.9220, -8.5280, 0.3680 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(223, 233, 241) }
```


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

```
.border{ border-color:rgb(223, 233, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 241);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9220, -8.5280, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 241) }
```

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

```
.background{ background-color: rgb(223,  
233, 241) }
```

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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