

Converting Colors

YIQ(229.6020, -4.6310, 1.3290)

Have a look what the booklet for
YIQ(229.6020, -4.6310, 1.3290)
contains.

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Color

**YIQ(229.6020, -4.6310,
1.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6ED
RGB	226, 230, 237
RGB Percent	89%, 90%, 93%
CMY	0.1137, 0.0980, 0.0706
CMYK	0.05, 0.03, 0.00, 0.07
HSL	218°, 23%, 91%
HSV	218°, 5%, 93%
XYZ	74.9461, 78.8772, 91.3909
YIQ	229.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

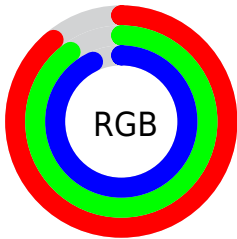
Format	Color
R _Y B	226, 229, 237
Decimal	14870253
CIE Lab	91.18, -0.05, -3.87
CIE LCh	91, 3.868, 269.260
Yxy	78.8772, 0.3056, 0.3217
Android (android.graphics.Color)	4293060333 (0xFFE2E6ED)
YUV	229.6020, 3.6472, -3.1590
Hunter-Lab	88.8128, -4.7925, 1.1579

Details

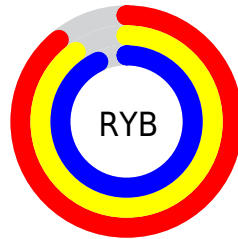
The YIQ color **229.6020, -4.6310, 1.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **233.3980, 4.6310, -1.3290**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **174.4880, -4.3100, 1.0180** is the 20% darker color. If you saturate the color by 10%, you get **213.6210, -14.8100, 4.0860**, and if you desaturate by 10%, it is **245.5830, 5.5480, -1.4280**.

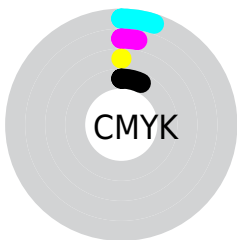
Distribution



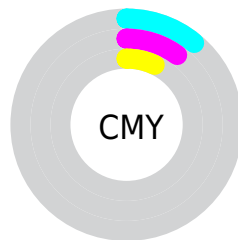
- Red (89%)
- Green (90%)
- Blue (93%)



- Red (89%)
- Yellow (90%)
- Blue (93%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.6020, -4.6310, 1.3290 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 229.6020, -4.6310, 1.3290 by changing the saturation by 10% instead.

■ 229.6020, -4.6310,
1.3290

■ 229.6020, -4.6310,
1.3290

255.0000, -0.0000,
-0.0000

■ 201.6020, -4.6310,
1.3290

■ 174.4880, -4.3100,
1.0180

■ 147.4880, -4.3100,
1.0180

■ 121.7870, -3.7140,
1.2300

■ 96.7870, -3.7140,
1.2300

■ 73.3740, -3.9890,
0.7070

■ 50.6730, -3.3930,

0.9190

■ 29.6730, -3.3930,
0.9190

■ 4.4170, -5.5480,
1.4280

■ 229.6020, -4.6310,
1.3290

■ 229.6020, -4.6310,
1.3290

■ 213.6210,
-14.8100, 4.0860

■ 245.5830, 5.5480,
-1.4280

■ 197.9390,
-24.3930, 7.0550

■ 252.9480, 5.7780,
-5.5980

■ 181.9580,
-34.5720, 9.8120

■ 165.9770,
-44.7510, 12.5690

■ 150.2950,
-54.3340, 15.5380

■ 134.3140,
-64.5130, 18.2950

■ 118.3330,
-74.6920, 21.0520

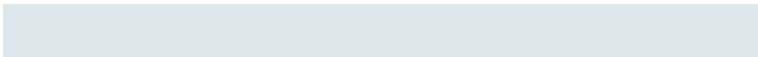
■ 101.7650,
-84.5960, 24.3320

■ 86.0830, -94.1790,
27.3010

Harmonies

Analogous

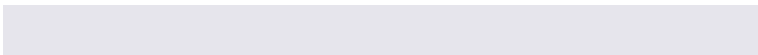
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.8790, -6.9690, -0.3530



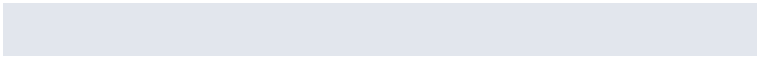
229.6020, -4.6310, 1.3290



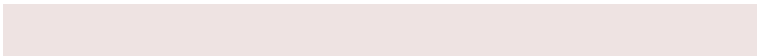
230.0970, -1.6510, 2.3890

Triad

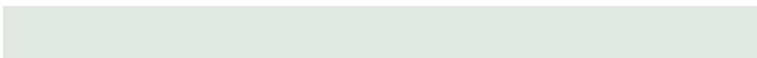
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.6020, -4.6310, 1.3290



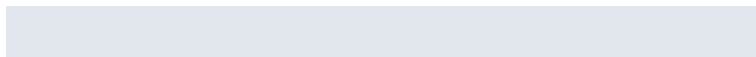
230.1750, 6.8770, 2.0210



229.2230, -2.2460, -3.3500

Complementary

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



229.6020, -4.6310, 1.3290



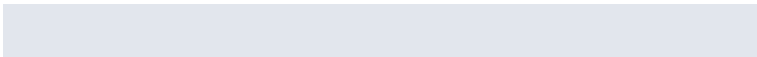
233.3980, 4.6310, -1.3290

Split Complementary

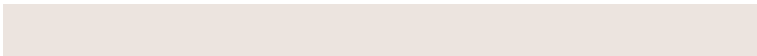
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.4900, 1.3760, -2.9120



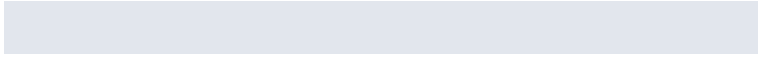
229.6020, -4.6310, 1.3290



229.8220, 6.3730, 0.1410

Square

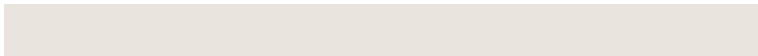
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



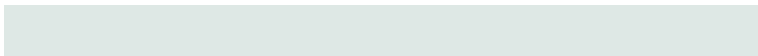
229.6020, -4.6310, 1.3290



230.3320, 4.9970, 3.0530



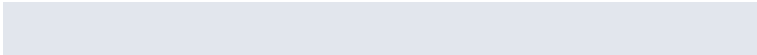
229.3980, 4.6310, -1.3290



228.6680, -4.9970, -3.0530

Rectangle

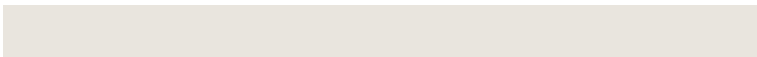
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



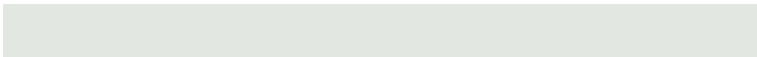
229.6020, -4.6310, 1.3290



230.2930, 0.7330, 3.2370



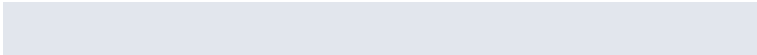
229.3980, 4.6310, -1.3290



228.8210, -1.0540, -2.9260

Sweetspot

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



229.6020, -4.6310, 1.3290



252.9290, -1.2380, 0.4100



233.2550, -5.2720, -3.5760



126.8150, -0.9170, 0.0990



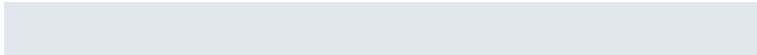
0.0000, 0.0000, 0.0000



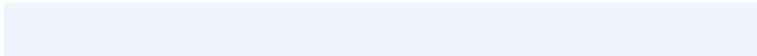
128.0000, -0.0000, -0.0000

Same Dimension

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



229.6020, -4.6310, 1.3290



244.6450, -6.1900, 2.0500



227.5530, -2.9350, 3.6330



111.6730, -3.3930, 0.9190



59.3760, -76.2510, 21.7730



17.8960, -22.8340, 6.3340

Inverse Universe

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



229.7450, 5.2720, 3.5760



245.0550, 7.3350, 4.7350



235.4470, 2.9350, -3.6330



111.7340, 3.8050, 2.6290



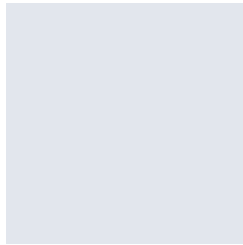
61.6430, 86.6900, 58.8980



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 229.6020, -4.6310, 1.3290 looks on a white background.

Color Contrast Check

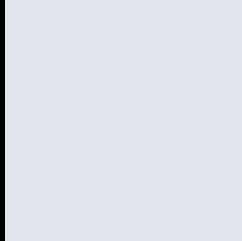
Large Text (above 18pt) WCAG AA × Fail

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 229.6020, -4.6310, 1.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

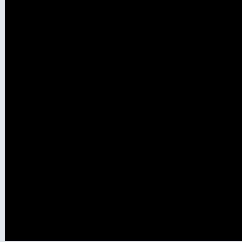
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

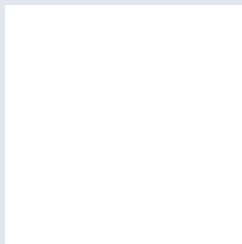
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.6020, -4.6310, 1.3290

Background



This preview shows how black text looks on a background with the YIQ color 229.6020, -4.6310, 1.3290.



This preview shows how white text looks on a background with the YIQ color 229.6020, -4.6310,

1.3290.

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

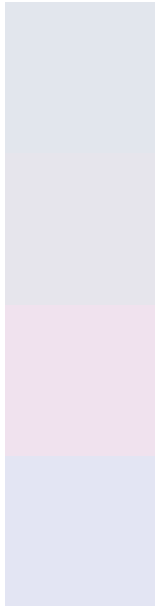




Tritanopia

230.1660, -6.0990, 5.9090

Trichromacy



Original Color

229.6020, -4.6310, 1.3290

Protanomaly

230.0970, -1.6510, 2.3890

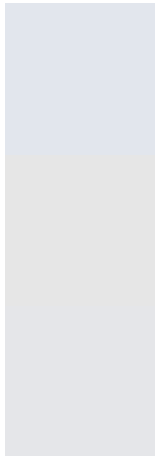
Deuteranomaly

231.5540, 4.4920, 6.7000

Tritanomaly

229.9980, -5.6860, 3.9300

Monochromacy



Original Color

229.6020, -4.6310, 1.3290

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.6020, -4.6310, 1.3290 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, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 237)  
}
```

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, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 237) }
```

Border

The CSS property to change the border of an element to YIQ 229.6020, -4.6310, 1.3290 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, 230, 237) }
```


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

```
.border{ border-color:rgb(226, 230, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 229.6020, -4.6310, 1.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 237) }
```

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

```
.background{ background-color: rgb(226,  
230, 237) }
```

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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