

Converting Colors

YIQ(230.9510, 1.6960, 2.3040)

Have a look what the booklet for
YIQ(230.9510, 1.6960, 2.3040)
contains.

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Color

**YIQ(230.9510, 1.6960,
2.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE5E9
RGB	234, 229, 233
RGB Percent	92%, 90%, 91%
CMY	0.0823, 0.1019, 0.0863
CMYK	0.00, 0.02, 0.00, 0.08
HSL	312°, 11%, 91%
HSV	312°, 2%, 92%
XYZ	76.6597, 79.4138, 88.3795
YIQ	230.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

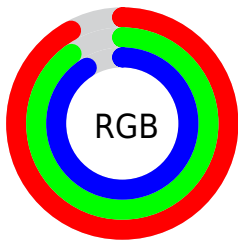
Format	Color
R_{YB}	234, 229, 233
Decimal	15394281
CIE Lab	91.42, 2.40, -1.35
CIE LCh	91, 2.755, 330.546
Yxy	79.4138, 0.3136, 0.3249
Android (android.graphics.Color)	4293584361 (0xFFEAE5E9)
YUV	230.9510, 1.0102, 2.6740
Hunter-Lab	89.1144, -2.3974, 3.5790

Details

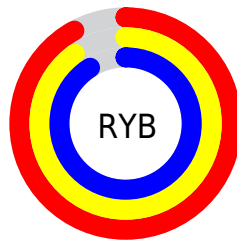
The YIQ color **230.9510, 1.6960, 2.3040** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232.0490, -1.6960, -2.3040**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.5380, 1.4210, 1.7810** is the 20% darker color. If you saturate the color by 10%, you get **216.8800, 9.6260, 12.7780**, and if you desaturate by 10%, it is **245.0220, -6.2340, -8.1700**.

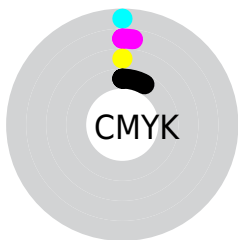
Distribution



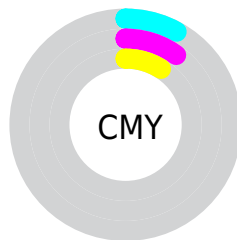
- Red (92%)
- Green (90%)
- Blue (91%)



- Red (92%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.9510, 1.6960, 2.3040 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 230.9510, 1.6960, 2.3040 by changing the saturation by 10% instead.

■ 230.9510, 1.6960,
2.3040

■ 230.9510, 1.6960,
2.3040

255.0000, -0.0000,
-0.0000

■ 202.9510, 1.6960,
2.3040

■ 175.5380, 1.4210,
1.7810

■ 148.9510, 1.6960,
2.3040

■ 122.9510, 1.6960,
2.3040

■ 98.5380, 1.4210,
1.7810

■ 74.5380, 1.4210,
1.7810

■ 51.5380, 1.4210,

1.7810

■ 30.5380, 1.4210,
1.7810

■ 5.7770, 2.2460,
3.3500

■ 230.9510, 1.6960,
2.3040

■ 230.9510, 1.6960,
2.3040

■ 216.8800, 9.6260,
12.7780

■ 245.0220, -6.2340,
-8.1700

■ 202.3360, 17.5100,
24.0860

■ 247.2390, -8.3430,
-8.4950

■ 188.2650, 25.4400,
34.5600

■ 247.8090, -9.9480,
-6.9400

■ 173.6070, 33.6450,
45.5570

■ 248.3790,
-11.5530, -5.3850

■ 159.6500, 41.2540,
56.3420

■ 248.7210,
-12.5160, -4.4520

■ 145.5790, 49.1840,
66.8160

■ 130.9210, 57.3890,
77.8130

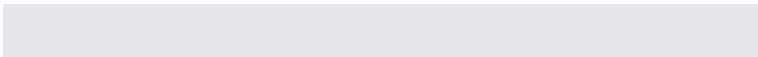
■ 116.8500, 65.3190,
88.2870

■ 102.3060, 73.2030,
99.5950

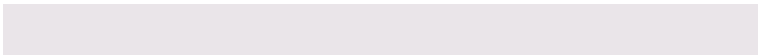
Harmonies

Analogous

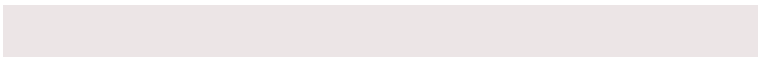
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.8690, -1.0090, 1.7670



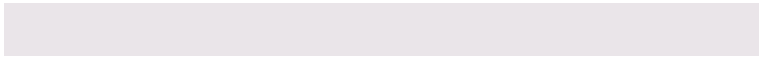
230.9510, 1.6960, 2.3040



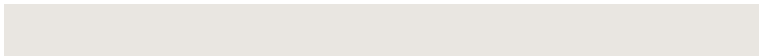
231.2070, 3.8510, 1.7950

Triad

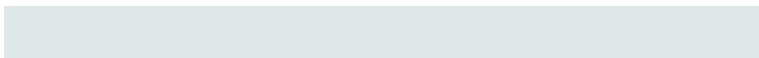
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.9510, 1.6960, 2.3040



230.3270, 3.3930, -0.9190



229.7220, -5.0890, -1.3850

Complementary

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



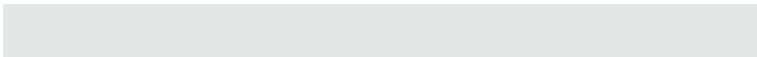
230.9510, 1.6960, 2.3040



232.0490, -1.6960, -2.3040

Split Complementary

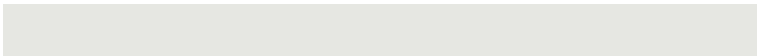
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.6790, -3.5300, -2.1060



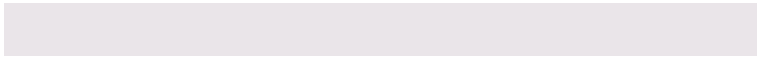
230.9510, 1.6960, 2.3040



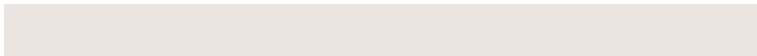
230.1310, 1.0090, -1.7670

Square

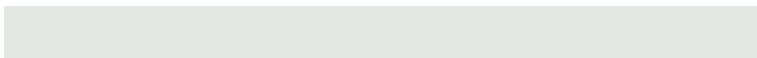
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.9510, 1.6960, 2.3040



230.4520, 4.5390, 0.3390



230.0490, -1.6960, -2.3040



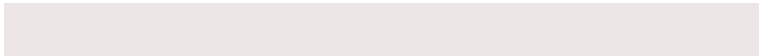
229.6620, -4.8600, -0.0280

Rectangle

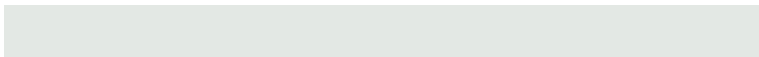
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.9510, 1.6960, 2.3040



231.0930, 4.1720, 1.4840



230.0490, -1.6960, -2.3040



229.6080, -4.7680, -1.6960

Sweetspot

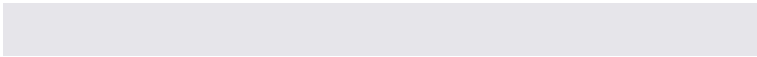
The Sweet Spot groups the original color and five complimentary colors.



230.9510, 1.6960, 2.3040



253.1250, 1.1460, 1.2580



229.8690, -1.0090, 1.7670



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



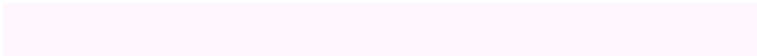
128.0000, -0.0000, -0.0000

Same Dimension

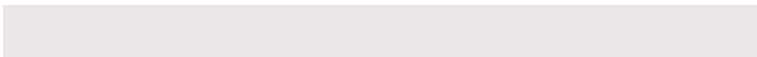
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.9510, 1.6960, 2.3040



250.0760, 2.8420, 3.5620



230.7230, 2.3380, 1.6820



114.5380, 1.4210, 1.7810



70.6490, 61.3310, 83.4670



21.0480, 18.3810, 24.8210

Inverse Universe

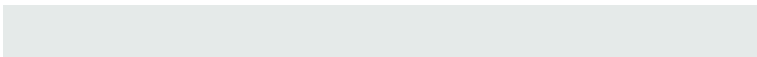
The Inverse Universe completely reimagines the original color for something new.



230.9510, 1.6960, 2.3040



250.0760, 2.8420, 3.5620



232.3910, -2.6590, -1.3710



114.5380, 1.4210, 1.7810



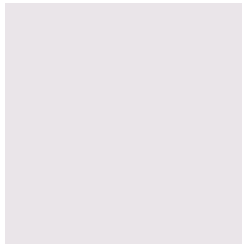
70.6490, 61.3310, 83.4670



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 230.9510, 1.6960, 2.3040 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 230.9510, 1.6960, 2.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

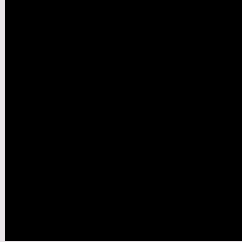
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

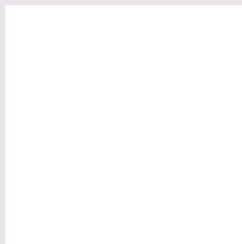
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.9510, 1.6960, 2.3040

Background



This preview shows how black text looks on a background with the YIQ color 230.9510, 1.6960, 2.3040.



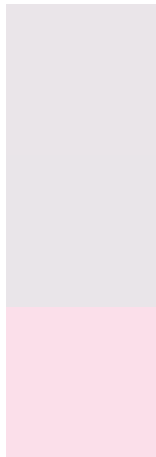
This preview shows how white text looks on a background with the YIQ color 230.9510, 1.6960,

2.3040.

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

230.9510, 1.6960, 2.3040

Protanopia

230.6520, 1.1000, 2.0920

Deuteranopia

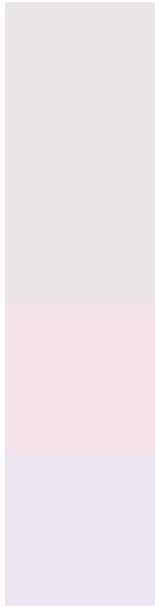
232.6260, 13.1570, 9.3570



Tritanopia

231.7430, -0.4140, 7.5060

Trichromacy



Original Color

230.9510, 1.6960, 2.3040

Protanomaly

230.6520, 1.1000, 2.0920

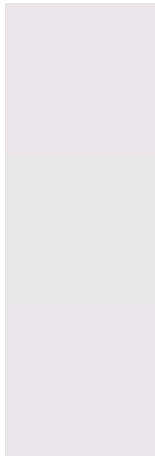
Deuteranomaly

232.0060, 9.0310, 7.0390

Tritanomaly

231.5750, -0.0010, 5.5270

Monochromacy



Original Color

230.9510, 1.6960, 2.3040

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9510, 1.6960, 2.3040 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(234, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 233)  
}
```

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(234, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 233) }
```

Border

The CSS property to change the border of an element to YIQ 230.9510, 1.6960, 2.3040 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(234, 229, 233) }
```


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

```
.border{ border-color:rgb(234, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9510, 1.6960, 2.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 233) }
```

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

```
.background{ background-color: rgb(234,  
229, 233) }
```

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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