

Converting Colors

YIQ(227.5210, 0.0910, 3.8590)

Have a look what the booklet for
YIQ(227.5210, 0.0910, 3.8590)
contains.

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Color

**YIQ(227.5210, 0.0910,
3.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1EA
RGB	230, 225, 234
RGB Percent	90%, 88%, 92%
CMY	0.0980, 0.1176, 0.0824
CMYK	0.02, 0.04, 0.00, 0.08
HSL	273°, 18%, 90%
HSV	273°, 4%, 92%
XYZ	74.4103, 76.6135, 88.7067
YIQ	227.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

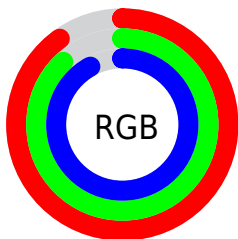
Format	Color
R _Y B	230, 225, 234
Decimal	15131114
CIE Lab	90.14, 3.31, -3.79
CIE LCh	90, 5.030, 311.141
Yxy	76.6135, 0.3104, 0.3196
Android (android.graphics.Color)	4293321194 (0xFFE6E1EA)
YUV	227.5210, 3.1941, 2.1741
Hunter-Lab	87.5291, -1.4295, 1.1827

Details

The YIQ color **227.5210, 0.0910, 3.8590** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **231.4790, -0.0910, -3.8590**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **172.4070, 0.4120, 3.5480** is the 20% darker color. If you saturate the color by 10%, you get **211.0300, 0.4560, 13.7680**, and if you desaturate by 10%, it is **244.0120, -0.2740, -6.0500**.

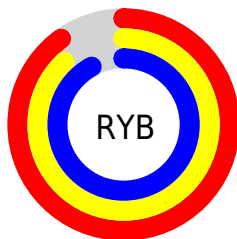
Distribution



Red (90%)

Green (88%)

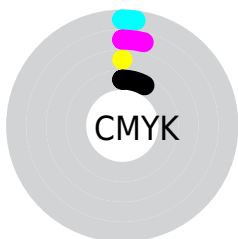
Blue (92%)



Red (90%)

Yellow (88%)

Blue (92%)

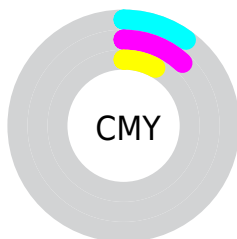


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.5210, 0.0910, 3.8590 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 227.5210, 0.0910, 3.8590 by changing the saturation by 10% instead.

■ 227.5210, 0.0910,
3.8590

■ 227.5210, 0.0910,
3.8590

255.0000, -0.0000,
-0.0000

■ 199.5210, 0.0910,
3.8590

■ 172.4070, 0.4120,
3.5480

■ 145.5210, 0.0910,
3.8590

■ 120.1080, -0.1840,
3.3360

■ 95.1080, -0.1840,
3.3360

■ 71.9940, 0.1370,
3.0250

■ 48.9940, 0.1370,

3.0250

■ 27.9940, 0.1370,
3.0250

■ 2.6350, -0.2300,
4.1700

■ 227.5210, 0.0910,
3.8590

■ 227.5210, 0.0910,
3.8590

■ 211.0300, 0.4560,
13.7680

■ 244.0120, -0.2740,
-6.0500

■ 193.6530, 0.5000,
23.9880

■ 251.4100, 4.3570,
-7.3790

■ 177.1620, 0.8650,
33.8970

■ 252.6060, 6.7410,
-6.5310

■ 159.7850, 0.9090,
44.1170

■ 143.2940, 1.2740,
54.0260

■ 126.8030, 1.6390,
63.9350

■ 109.4260, 1.6830,
74.1550

■ 92.9350, 2.0480,
84.0640

■ 75.8570, 2.6880,
94.4960

Harmonies

Analogous

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



227.1290, -4.6770, 2.1630



227.5210, 0.0910, 3.8590



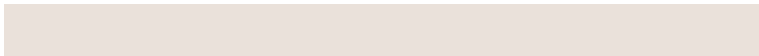
227.9730, 4.6300, 4.1980

Triad

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



227.5210, 0.0910, 3.8590



226.8930, 7.6110, -0.2690



225.5860, -7.7020, -3.5900

Complementary

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



227.5210, 0.0910, 3.8590



231.4790, -0.0910, -3.8590

Split Complementary

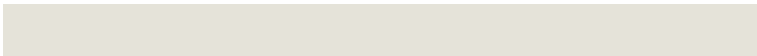
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.0270, -4.6300, -4.1980



227.5210, 0.0910, 3.8590



226.4580, 4.4020, -2.6860

Square

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



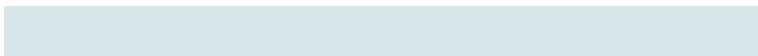
227.5210, 0.0910, 3.8590



227.5450, 8.7110, 1.8230



225.4790, -0.0910, -3.8590



225.5690, -9.0320, -1.5120

Rectangle

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



227.5210, 0.0910, 3.8590



228.2290, 6.7850, 3.6890



225.4790, -0.0910, -3.8590



225.4720, -7.3810, -3.9010

Sweetspot

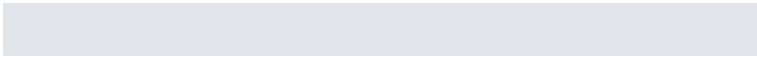
The Sweet Spot groups the original color and five complimentary colors.



227.5210, 0.0910, 3.8590



252.9400, 0.2290, 1.3570



228.3740, -3.9890, 0.7070



126.5270, -0.0460, 0.8340



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.



227.5210, 0.0910, 3.8590



245.5750, -0.0010, 5.5270



228.7170, 2.4750, 4.7070



111.9940, 0.1370, 3.0250



50.8330, 2.0950, 77.7030



15.1260, 0.5460, 23.1540

Inverse Universe

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



228.1470, 4.0800, 3.1520



246.5710, 5.8220, 4.6220



230.2830, -2.4750, -4.7070



112.4350, 3.2090, 2.4170



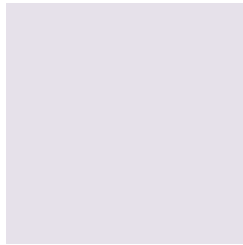
63.2390, 82.1960, 63.2520



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 227.5210, 0.0910, 3.8590 looks on a white background.

Color Contrast Check

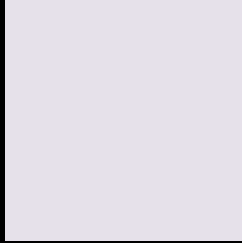
Large Text (above 18pt) WCAG AA × Fail

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 227.5210, 0.0910, 3.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

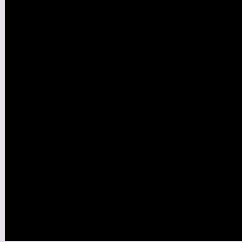
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

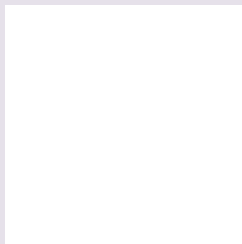
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.5210, 0.0910, 3.8590

Background



This preview shows how black text looks on a background with the YIQ color 227.5210, 0.0910, 3.8590.



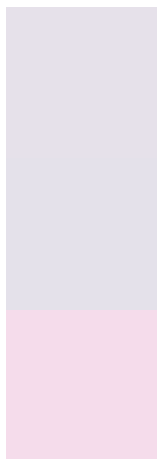
This preview shows how white text looks on a background with the YIQ color 227.5210, 0.0910,

3.8590.

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

227.5210, 0.0910, 3.8590

Protanopia

226.9230, -1.1010, 3.4350

Deuteranopia

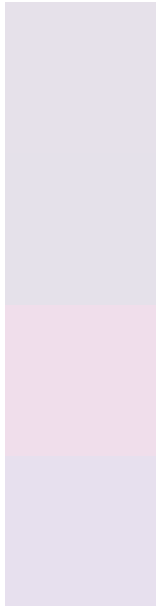
229.1850, 10.0850, 9.9650



Tritanopia

228.0310, -1.2850, 6.7710

Trichromacy



Original Color

227.5210, 0.0910, 3.8590

Protanomaly

227.2220, -0.5050, 3.6470

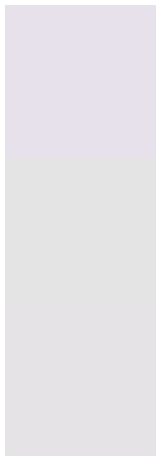
Deuteranomaly

228.8640, 6.5550, 7.8590

Tritanomaly

227.6890, -0.3220, 5.8380

Monochromacy



Original Color

227.5210, 0.0910, 3.8590

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9400, 0.2290, 1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.5210, 0.0910, 3.8590 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(230, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 234)  
}
```

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(230, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 234) }
```

Border

The CSS property to change the border of an element to YIQ 227.5210, 0.0910, 3.8590 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(230, 225, 234) }
```


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

```
.border{ border-color:rgb(230, 225, 234) }
```

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

Here you see how a box with a 4 pixel rgb(230, 225, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 227.5210, 0.0910, 3.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 234) }
```

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

```
.background{ background-color: rgb(230,  
225, 234) }
```

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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