

Converting Colors

YIQ(226.3250, -2.2930, 3.0110)

Have a look what the booklet for
YIQ(226.3250, -2.2930, 3.0110)
contains.

YIQ(226.3250, -2.2930, 3.0110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(226.3250, -2.2930,
3.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1EA
RGB	226, 225, 234
RGB Percent	89%, 88%, 92%
CMY	0.1137, 0.1176, 0.0824
CMYK	0.03, 0.04, 0.00, 0.08
HSL	247°, 18%, 90%
HSV	247°, 4%, 92%
XYZ	73.1405, 75.9596, 88.6456
YIQ	226.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

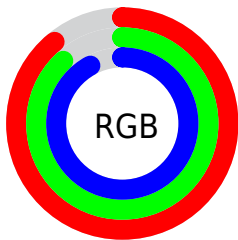
Format	Color
R_{YB}	226, 225, 234
Decimal	14868970
CIE _{Lab}	89.84, 1.98, -4.27
CIE _{LCh}	90, 4.703, 294.871
Yxy	75.9596, 0.3076, 0.3195
Android (android.graphics.Color)	4293059050 (0xFFE2E1EA)
YUV	226.3250, 3.7838, -0.2850
Hunter-Lab	87.1548, -2.7233, 0.7042

Details

The YIQ color $226.3250, -2.2930, 3.0110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.6750, 2.2930, -3.0110$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.2110, -1.9720, 2.7000$ is the 20% darker color. If you saturate the color by 10%, you get $206.5450, -8.4840, 10.5880$, and if you desaturate by 10%, it is $246.1050, 3.8980, -4.5660$.

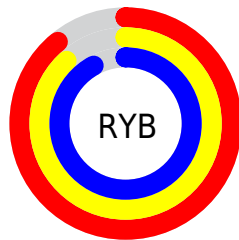
Distribution



Red (89%)

Green (88%)

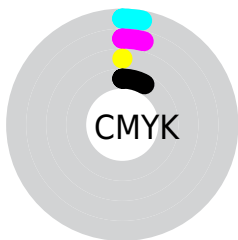
Blue (92%)



Red (89%)

Yellow (88%)

Blue (92%)

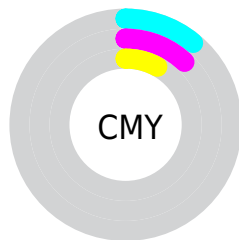


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.3250, -2.2930, 3.0110 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 226.3250, -2.2930, 3.0110 by changing the saturation by 10% instead.

■ 226.3250, -2.2930,
3.0110

■ 226.3250, -2.2930,
3.0110

255.0000, -0.0000,
-0.0000

■ 198.3250, -2.2930,
3.0110

■ 171.2110, -1.9720,
2.7000

■ 144.3250, -2.2930,
3.0110

■ 119.2110, -1.9720,
2.7000

■ 94.2110, -1.9720,
2.7000

■ 70.7980, -2.2470,
2.1770

■ 48.0970, -1.6510,

2.3890

■ 27.6840, -1.9260,
1.8660

■ 1.1400, -3.2100,
3.1100

■ 226.3250, -2.2930,
3.0110

■ 226.3250, -2.2930,
3.0110

■ 206.5450, -8.4840,
10.5880

■ 246.1050, 3.8980,
-4.5660

■ 186.1780,
-14.4000, 18.6880

■ 252.6060, 6.7410,
-6.5310

■ 166.6970,
-19.9950, 26.4770

■ 146.3300,
-25.9110, 34.5770

■ 126.5500,
-32.1020, 42.1540

■ 106.7700,
-38.2930, 49.7310

■ 86.4030, -44.2090,
57.8310

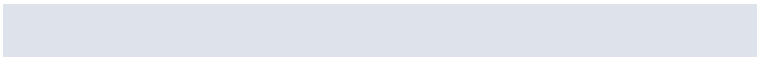
■ 66.9220, -49.8040,
65.6200

■ 46.5550, -55.7200,
73.7200

Harmonies

Analogous

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



225.5310, -5.8690, 1.7390



226.3250, -2.2930, 3.0110



226.8910, 1.9250, 3.6610

Triad

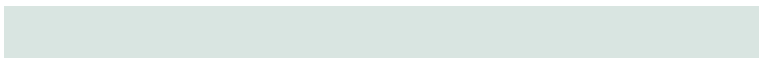
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.3250, -2.2930, 3.0110



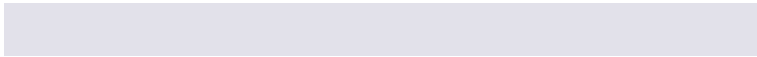
226.7190, 8.1610, 0.7770



224.9560, -5.8680, -3.7880

Complementary

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



226.3250, -2.2930, 3.0110



232.6750, 2.2930, -3.0110

Split Complementary

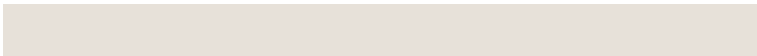
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.8100, -2.5210, -3.8730



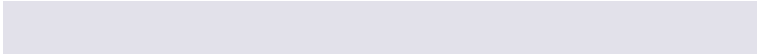
226.3250, -2.2930, 3.0110



225.8820, 6.1440, -1.2160

Square

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



226.3250, -2.2930, 3.0110



226.7730, 8.0690, 2.4450



225.6750, 2.2930, -3.0110



224.8140, -8.3440, -2.9680

Rectangle

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



226.3250, -2.2930, 3.0110



226.8590, 4.9510, 3.8870



225.6750, 2.2930, -3.0110



224.4400, -4.3550, -3.6750

Sweetspot

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



226.3250, -2.2930, 3.0110



252.6410, -0.3670, 1.1450



230.7220, -5.0890, -1.3850



126.2280, -0.6420, 0.6220



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.



226.3250, -2.2930, 3.0110



244.0800, -2.9810, 4.4670



227.5210, 0.0910, 3.8590



111.0970, -1.6510, 2.3890



26.6140, -46.1810, 60.5310



7.9500, -13.7580, 18.0660

Inverse Universe

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



228.6030, 2.7960, 4.3960



247.2550, 3.8960, 6.4880



231.4790, -0.0910, -3.8590



112.8910, 1.9250, 3.6610



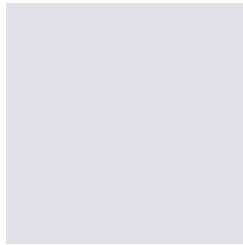
72.4730, 56.1950, 88.4430



21.6180, 16.7760, 26.3760

Previews

White Background



This preview shows how the YIQ color 226.3250, -2.2930, 3.0110 looks on a white background.

Color Contrast Check

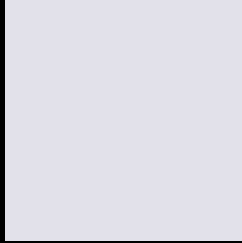
Large Text (above 18pt) WCAG AA × Fail

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 226.3250, -2.2930, 3.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

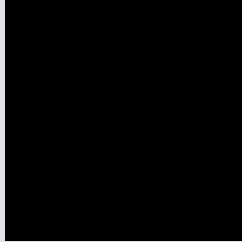
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

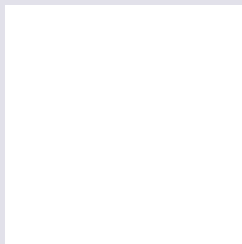
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.3250, -2.2930, 3.0110

Background



This preview shows how black text looks on a background with the YIQ color 226.3250, -2.2930, 3.0110.



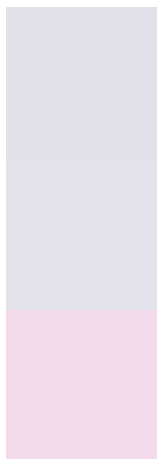
This preview shows how white text looks on a background with the YIQ color 226.3250, -2.2930,

3.0110.

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

226.3250, -2.2930, 3.0110

Protanopia

226.6240, -1.6970, 3.2230

Deuteranopia

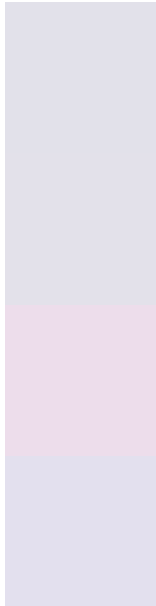
228.0000, 9.1680, 10.0640



Tritanopia

226.8350, -3.6690, 5.9230

Trichromacy



Original Color

226.3250, -2.2930, 3.0110

Protanomaly

226.6240, -1.6970, 3.2230

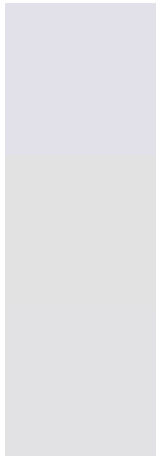
Deuteranomaly

227.3800, 5.0420, 7.7460

Tritanomaly

226.4930, -2.7060, 4.9900

Monochromacy



Original Color

226.3250, -2.2930, 3.0110

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.3420, -0.9630, 0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.3250, -2.2930, 3.0110 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, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 234) }
```

Border

The CSS property to change the border of an element to YIQ 226.3250, -2.2930, 3.0110 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, 225, 234) }
```


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

```
.border{ border-color:rgb(226, 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(226, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 226.3250, -2.2930, 3.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 234) }
```

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

```
.background{ background-color: rgb(226,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor