

Converting Colors

YIQ(226.1850, 0.9170, -0.0990)

Have a look what the booklet for
YIQ(226.1850, 0.9170, -0.0990)
contains.

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Color

**YIQ(226.1850, 0.9170,
-0.0990)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3E2E1 |
| RGB | 227, 226, 225 |
| RGB Percent | 89%, 89%, 88% |
| CMY | 0.1098, 0.1137, 0.1176 |
| CMYK | 0.00, 0.00, 0.01, 0.11 |
| HSL | 30°, 3%, 89% |
| HSV | 30°, 1%, 89% |
| XYZ | 72.4657, 76.1598, 82.1159 |
| YIQ | 226.1850, 0.9170, -0.0990 |

Conversions

Conversions Part 2

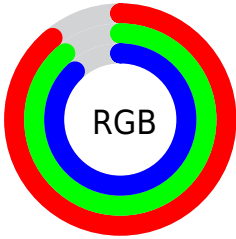
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 227, 227, 225 |
| Decimal | 14934753 |
| CIE Lab | 89.93, 0.16, 0.60 |
| CIE LCh | 90, 0.618, 74.593 |
| Yxy | 76.1598, 0.3141, 0.3301 |
| Android (android.graphics.Color) | 4293124833 (0xFFE3E2E1) |
| YUV | 226.1850, -0.5842, 0.7148 |
| Hunter-Lab | 87.2696, -4.5013, 5.3000 |

Details

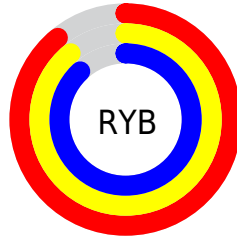
The YIQ color $226.1850, 0.9170, -0.0990$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.8150, -0.9170, 0.0990$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.1850, 0.9170, -0.0990$ is the 20% darker color. If you saturate the color by 10%, you get $217.1060, 11.3250, -1.4990$, and if you desaturate by 10%, it is $235.2640, -9.4910, 1.3010$.

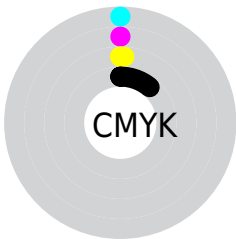
Distribution



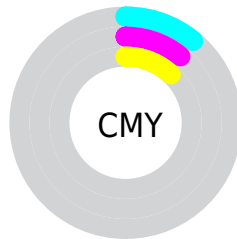
- Red (89%)
- Green (89%)
- Blue (88%)



- Red (89%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.1850, 0.9170, -0.0990 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 226.1850, 0.9170, -0.0990 by changing the saturation by 10% instead.

■ 226.1850, 0.9170,
-0.0990

■ 226.1850, 0.9170,
-0.0990

255.0000, -0.0000,
-0.0000

■ 198.1850, 0.9170,
-0.0990

■ 171.1850, 0.9170,
-0.0990

■ 144.1850, 0.9170,
-0.0990

■ 119.1850, 0.9170,
-0.0990

■ 94.1850, 0.9170,
-0.0990

■ 70.2990, 0.5960,
0.2120

■ 48.1850, 0.9170,

-0.0990

■ 27.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 226.1850, 0.9170,
-0.0990

■ 226.1850, 0.9170,
-0.0990

■ 217.1060, 11.3250,
-1.4990

■ 235.2640, -9.4910,
1.3010

■ 207.5540, 21.6870,
-2.0650

■ 243.1060,
-15.0380, -2.7980

■ 198.4750, 32.0950,
-3.4650

■ 246.6280,
-16.6880, -5.9360

■ 189.3960, 42.5030,
-4.8650

■ 179.8440, 52.8650,
-5.4310

■ 170.7650, 63.2730,
-6.8310

■ 161.6860, 73.6810,
-8.2310

■ 152.0200, 84.3640,
-9.1080

■ 143.0550, 94.4510,
-10.1970

Harmonies

Analogous

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



226.1850, 0.9170, -0.0990



226.1850, 0.9170, -0.0990



225.8860, 0.3210, -0.3110

Triad

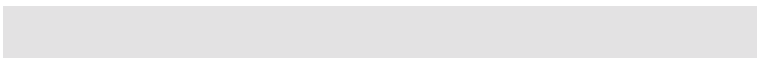
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.1850, 0.9170, -0.0990



226.2880, -0.8710, -0.7350



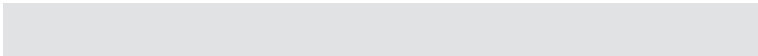
226.4130, 0.2750, 0.5230

Complementary

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



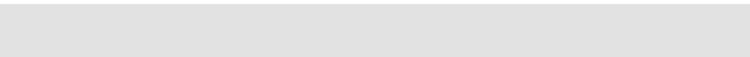
226.1850, 0.9170, -0.0990



225.8150, -0.9170, 0.0990

Split Complementary

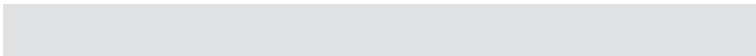
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.1140, -0.3210, 0.3110



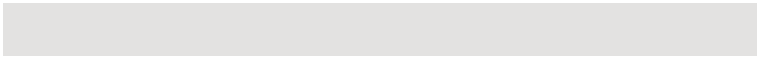
226.1850, 0.9170, -0.0990



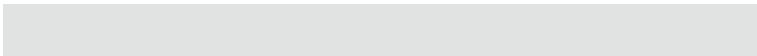
225.8150, -0.9170, 0.0990

Square

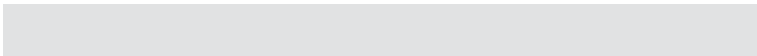
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.1850, 0.9170, -0.0990



225.7010, -0.5960, -0.2120



225.8150, -0.9170, 0.0990



226.2990, 0.5960, 0.2120

Rectangle

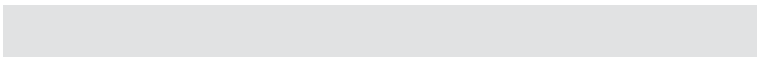
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



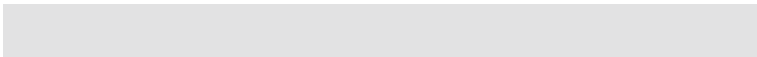
226.1850, 0.9170, -0.0990



225.8860, 0.3210, -0.3110



225.8150, -0.9170, 0.0990



226.1140, -0.3210, 0.3110

Sweetspot

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



226.1850, 0.9170, -0.0990

255.0000, -0.0000, -0.0000



225.7120, 0.8710, 0.7350



128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



226.1850, 0.9170, -0.0990



254.0710, 1.2380, -0.4100



226.7720, 0.6420, -0.6220



114.2990, 0.5960, 0.2120



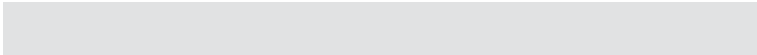
105.7640, 82.2090, -8.5990



30.5110, 23.2460, -2.7860

Inverse Universe

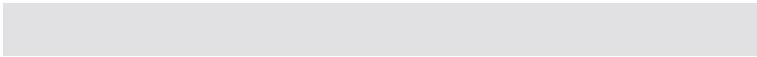
The Inverse Universe completely reimagines the original color for something new.



225.8150, -0.9170, 0.0990



253.5160, -1.5130, -0.1130



225.2280, -0.6420, 0.6220



114.1140, -0.3210, 0.3110



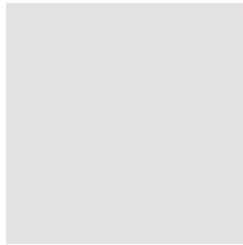
72.6490, -81.9340, 9.1220



20.4890, -23.2460, 2.7860

Previews

White Background



This preview shows how the YIQ color 226.1850, 0.9170, -0.0990 looks on a white background.

Color Contrast Check

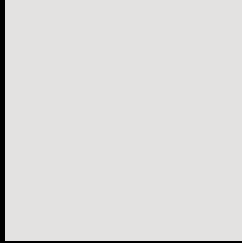
Large Text (above 18pt) WCAG AA × Fail

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 226.1850, 0.9170, -0.0990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

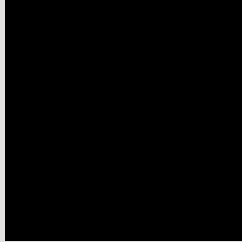
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

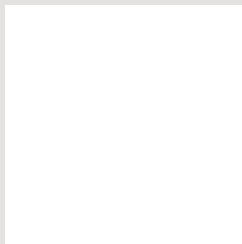
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.1850, 0.9170, -0.0990

Background



This preview shows how black text looks on a background with the YIQ color 226.1850, 0.9170, -0.0990.



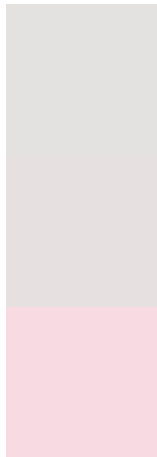
This preview shows how white text looks on a background with the YIQ color 226.1850, 0.9170,

-0.0990.

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

226.1850, 0.9170, -0.0990

Protanopia

226.3810, 3.3010, 0.7490

Deuteranopia

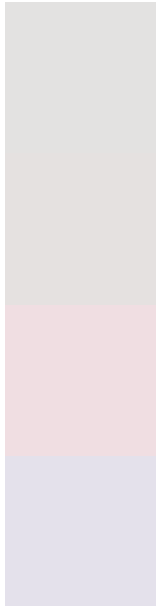
228.4690, 15.0370, 8.3250



Tritanopia

227.4330, -2.4770, 6.3470

Trichromacy



Original Color

226.1850, 0.9170, -0.0990

Protanomaly

226.0820, 2.7050, 0.5370

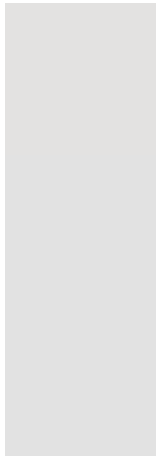
Deuteranomaly

227.8380, 9.4440, 5.0600

Tritanomaly

227.0370, -1.4220, 3.7460

Monochromacy



Original Color

226.1850, 0.9170, -0.0990

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0000, -0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.1850, 0.9170, -0.0990 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(227, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 225)  
}
```

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(227, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 225) }
```

Border

The CSS property to change the border of an element to YIQ 226.1850, 0.9170, -0.0990 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(227, 226, 225) }
```

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

```
.border{ border-color:rgb(227, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
225) }
```


Background

The CSS property to change the background color of an element to YIQ 226.1850, 0.9170, -0.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 225) }
```

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

```
.background{ background-color: rgb(227,  
226, 225) }
```

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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