

Converting Colors

YIQ(228.2200, -6.1910, 7.5770)

Have a look what the booklet for
YIQ(228.2200, -6.1910, 7.5770)
contains.

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Color

**YIQ(228.2200, -6.1910,
7.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E1F8
RGB	227, 225, 248
RGB Percent	89%, 88%, 97%
CMY	0.1098, 0.1176, 0.0275
CMYK	0.08, 0.09, 0.00, 0.03
HSL	245°, 62%, 93%
HSV	245°, 9%, 97%
XYZ	75.5467, 76.9583, 99.6709
YIQ	228.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

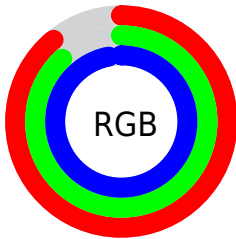
Format	Color
RYB	227, 225, 248
Decimal	14934520
CIELab	90.30, 4.96, -10.91
CIELCh	90, 11.986, 294.433
Yxy	76.9583, 0.2996, 0.3052
Android (android.graphics.Color)	4293124600 (0xFFE3E1F8)
YUV	228.2200, 9.7515, -1.0699
Hunter-Lab	87.7259, 0.1981, -5.9549

Details

The YIQ color `228.2200, -6.1910, 7.5770` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `244.7800, 6.1910, -7.5770`, and the grayscale version is `228.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, -0.0000, -0.0000`, and `173.1060, -5.8700, 7.2660` is the 20% darker color. If you saturate the color by 10%, you get `206.6680, -13.0240, 15.7760`, and if you desaturate by 10%, it is `249.7720, 0.6420, -0.6220`.

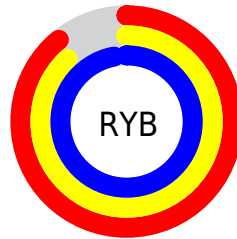
Distribution



Red (89%)

Green (88%)

Blue (97%)



Red (89%)

Yellow (88%)

Blue (97%)

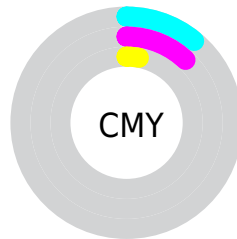


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.2200, -6.1910, 7.5770 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 228.2200, -6.1910, 7.5770 by changing the saturation by 10% instead.

■ 228.2200, -6.1910,
7.5770

■ 228.2200, -6.1910,
7.5770

255.0000, -0.0000,
-0.0000

■ 200.1060, -5.8700,
7.2660

■ 173.1060, -5.8700,
7.2660

■ 145.9920, -5.5490,
6.9550

■ 120.5790, -5.8240,
6.4320

■ 95.5790, -5.8240,
6.4320

■ 72.3510, -5.1820,
5.8100

■ 49.3510, -5.1820,

5.8100

■ 28.8240, -5.1360,
4.9760

■ 2.9210, -6.7870,
7.3650

■ 228.2200, -6.1910,
7.5770

■ 228.2200, -6.1910,
7.5770

■ 206.6680,
-13.0240, 15.7760

■ 249.7720, 0.6420,
-0.6220

■ 185.4150,
-19.2610, 24.1870

■ 254.2020, 2.2470,
-2.1770

■ 164.4500,
-26.3690, 31.8630

■ 142.8980,
-33.2020, 40.0620

■ 121.6450,
-39.4390, 48.4730

■ 100.0930,
-46.2720, 56.6720

■ 78.8400, -52.5090,
65.0830

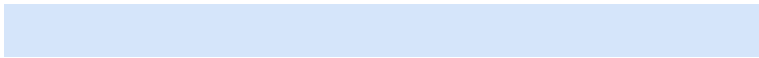
■ 57.8750, -59.6170,
72.7590

■ 36.3230, -66.4500,
80.9580

Harmonies

Analogous

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



226.6100, -16.2770, 3.1390



228.2200, -6.1910, 7.5770



229.5480, 4.6290, 9.7250

Triad

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



228.2200, -6.1910, 7.5770



228.2920, 19.6690, 1.4690



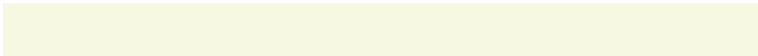
223.7050, -15.5870, -9.3710

Complementary

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



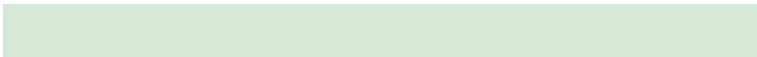
228.2200, -6.1910, 7.5770



244.7800, 6.1910, -7.5770

Split Complementary

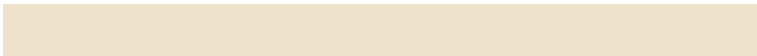
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.2670, -5.5460, -9.6260



228.2200, -6.1910, 7.5770



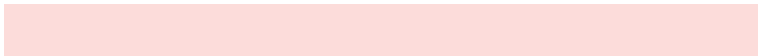
227.4930, 14.4890, -3.7750

Square

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



228.2200, -6.1910, 7.5770



229.3400, 19.7140, 6.1620



225.4810, 5.5950, -7.7890



223.7630, -21.5020, -6.7980

Rectangle

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



228.2200, -6.1910, 7.5770



229.6690, 11.5980, 10.0780



225.4810, 5.5950, -7.7890



224.1460, -12.5150, -9.9790

Sweetspot

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



228.2200, -6.1910, 7.5770



248.2110, -1.9720, 2.7000



239.9490, -13.1580, -3.8300



122.9830, -1.3300, 2.0780



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.



228.2200, -6.1910, 7.5770



230.7900, -7.7960, 9.1320



231.5090, 0.3650, 9.9090



114.0800, -2.9810, 4.4670



26.3300, -51.1330, 62.1710



8.4490, -16.6010, 20.0310

Inverse Universe

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



234.2710, 6.9670, 11.4070



238.3360, 8.3420, 14.0220



241.4910, -0.3650, -9.9090



117.2550, 3.8960, 6.4880



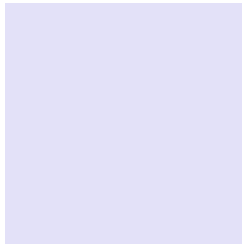
76.1190, 57.4320, 93.5600



24.6230, 18.3800, 30.3480

Previews

White Background



This preview shows how the YIQ color 228.2200, -6.1910, 7.5770 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 228.2200, -6.1910, 7.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

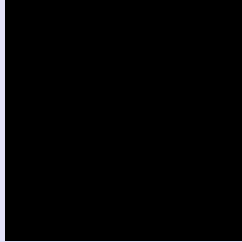
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.2200, -6.1910, 7.5770

Background



This preview shows how black text looks on a background with the YIQ color 228.2200, -6.1910, 7.5770.



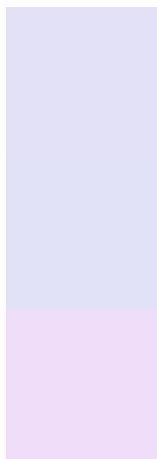
This preview shows how white text looks on a background with the YIQ color 228.2200, -6.1910,

7.5770.

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

228.2200, -6.1910, 7.5770

Protanopia

228.2090, -7.6580, 6.6300

Deuteranopia

229.5740, 1.7400, 12.5240



Tritanopia

228.0520, -5.7780, 5.5980

Trichromacy



Original Color

228.2200, -6.1910, 7.5770

Protanomaly

228.5080, -7.0620, 6.8420

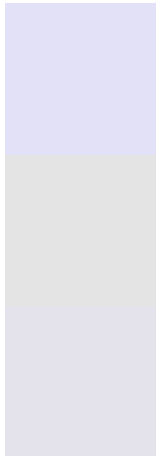
Deuteranomaly

228.9650, -0.9190, 11.1530

Tritanomaly

228.1660, -6.0990, 5.9090

Monochromacy



Original Color

228.2200, -6.1910, 7.5770

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.2200, -6.1910, 7.5770 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, 225, 248)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 248)  
}
```

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, 225, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 248) }
```

Border

The CSS property to change the border of an element to YIQ 228.2200, -6.1910, 7.5770 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, 225, 248) }
```


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

```
.border{ border-color:rgb(227, 225, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 248);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 228.2200, -6.1910, 7.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 248) }
```

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

```
.background{ background-color: rgb(227,  
225, 248) }
```

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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