

Converting Colors

YIQ(226.8100, 6.6470, 6.1910)

Have a look what the booklet for
YIQ(226.8100, 6.6470, 6.1910)
contains.

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Color

**YIQ(226.8100, 6.6470,
6.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDDE6
RGB	237, 221, 230
RGB Percent	93%, 87%, 90%
CMY	0.0705, 0.1333, 0.0980
CMYK	0.00, 0.07, 0.03, 0.07
HSL	326°, 31%, 90%
HSV	326°, 7%, 93%
XYZ	75.0671, 75.4293, 85.4694
YIQ	226.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

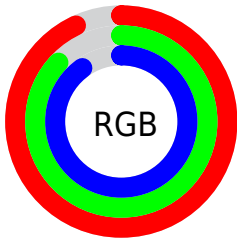
Format	Color
R _Y B	237, 221, 230
Decimal	15588838
CIE Lab	89.59, 7.03, -2.44
CIE LCh	90, 7.440, 340.896
Yxy	75.4293, 0.3181, 0.3197
Android (android.graphics.Color)	4293778918 (0xFFEDDDE6)
YUV	226.8100, 1.5727, 8.9366
Hunter-Lab	86.8500, 2.2954, 2.4475

Details

The YIQ color $226.8100, 6.6470, 6.1910$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.1900, -6.6470, -6.1910$, 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 $171.5110, 6.0510, 5.9790$ is the 20% darker color. If you saturate the color by 10%, you get $211.5820, 16.4570, 15.6330$, and if you desaturate by 10%, it is $242.0380, -3.1630, -3.2510$.

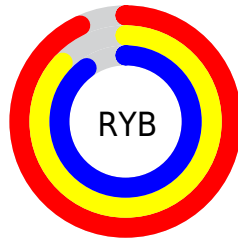
Distribution



Red (93%)

Green (87%)

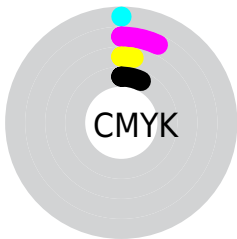
Blue (90%)



Red (93%)

Yellow (87%)

Blue (90%)

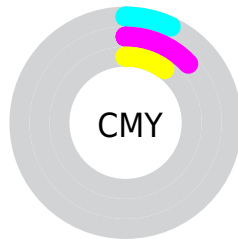


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.8100, 6.6470, 6.1910 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 226.8100, 6.6470, 6.1910 by changing the saturation by 10% instead.

226.8100, 6.6470,
6.1910

226.8100, 6.6470,
6.1910

255.0000, -0.0000,
-0.0000

198.8100, 6.6470,
6.1910

171.5110, 6.0510,
5.9790

145.0980, 5.7760,
5.4560

119.0980, 5.7760,
5.4560

94.6850, 5.5010,
4.9330

70.7990, 5.1800,
5.2440

48.3860, 4.9050,

4.7210

■ 27.3860, 4.9050,
4.7210

■ 4.0440, 5.8680,
3.7880

■ 226.8100, 6.6470,
6.1910

■ 226.8100, 6.6470,
6.1910

■ 211.5820, 16.4570,
15.6330

■ 242.0380, -3.1630,
-3.2510

■ 196.8270, 26.3130,
24.2410

■ 249.1620, -9.4440,
-5.0600

■ 181.5990, 36.1230,
33.6830

■ 249.6180,
-10.7280, -3.8160

■ 166.3710, 45.9330,
43.1250

■ 151.0290, 56.0640,
52.2560

■ 136.3880, 65.5990,
61.1750

■ 121.0460, 75.7300,
70.3060

■ 105.8180, 85.5400,
79.7480

■ 91.1770, 95.0750,
88.6670

Harmonies

Analogous

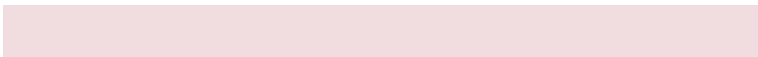
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.5750, -0.0010, 5.5270



226.8100, 6.6470, 6.1910



227.2080, 11.2780, 4.8620

Triad

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



226.8100, 6.6470, 6.1910



225.1870, 6.6030, -4.0290



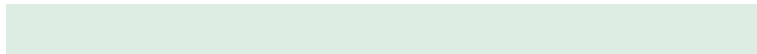
223.5900, -13.5250, -2.6850

Complementary

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



226.8100, 6.6470, 6.1910



231.1900, -6.6470, -6.1910

Split Complementary

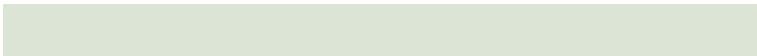
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.4930, -11.8740, -5.0740



226.8100, 6.6470, 6.1910



224.0120, -0.2740, -6.0500

Square

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



226.8100, 6.6470, 6.1910



225.6330, 11.2790, -0.6650



223.1900, -6.6470, -6.1910



224.0680, -11.8750, 0.4530

Rectangle

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



226.8100, 6.6470, 6.1910



226.6380, 12.8830, 3.3070



223.1900, -6.6470, -6.1910



223.0630, -13.4790, -3.5190

Sweetspot

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



226.8100, 6.6470, 6.1910



251.8370, 2.0170, 1.9930



224.9170, -0.9640, 6.4600



126.0110, 1.4670, 0.9470



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.



226.8100, 6.6470, 6.1910



242.2340, 8.3890, 7.6610



225.8980, 9.2150, 3.7030



109.9730, 4.6300, 4.1980



65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Inverse Universe

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



226.8100, 6.6470, 6.1910



242.2340, 8.3890, 7.6610



232.1020, -9.2150, -3.7030



109.9730, 4.6300, 4.1980



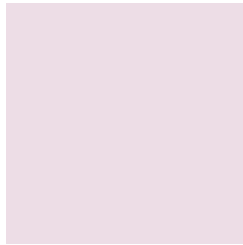
65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 226.8100, 6.6470, 6.1910 looks on a white background.

Color Contrast Check

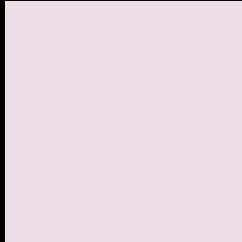
Large Text (above 18pt) WCAG AA × Fail

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 226.8100, 6.6470, 6.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

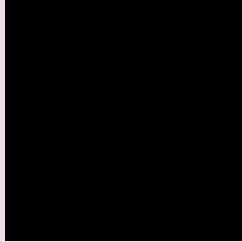
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

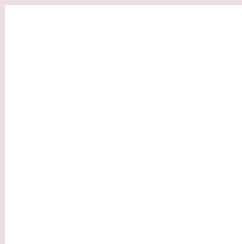
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.8100, 6.6470, 6.1910

Background



This preview shows how black text looks on a background with the YIQ color 226.8100, 6.6470, 6.1910.



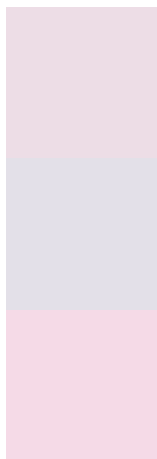
This preview shows how white text looks on a background with the YIQ color 226.8100, 6.6470,

6.1910.

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

226.8100, 6.6470, 6.1910

Protanopia

225.8090, -0.7800, 3.1240

Deuteranopia

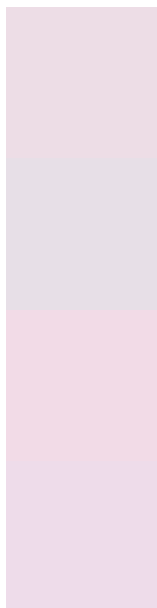
227.5550, 11.9190, 9.7670



Tritanopia

227.3200, 5.2710, 9.1030

Trichromacy



Original Color

226.8100, 6.6470, 6.1910

Protanomaly

226.3040, 2.2000, 4.1840

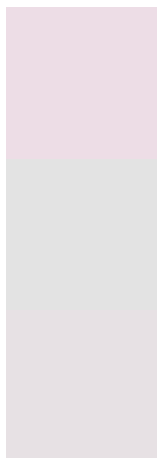
Deuteranomaly

227.2450, 9.8560, 8.6080

Tritanomaly

226.9780, 6.2340, 8.1700

Monochromacy



Original Color

226.8100, 6.6470, 6.1910

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.8100, 6.6470, 6.1910 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(237, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 230)  
}
```

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(237, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 230) }
```

Border

The CSS property to change the border of an element to YIQ 226.8100, 6.6470, 6.1910 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(237, 221, 230) }
```


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

```
.border{ border-color:rgb(237, 221, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 226.8100, 6.6470, 6.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 230) }
```

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

```
.background{ background-color: rgb(237,  
221, 230) }
```

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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