

Converting Colors

YIQ(226.8750, 8.0220, 8.8060)

Have a look what the booklet for
YIQ(226.8750, 8.0220, 8.8060)
contains.

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Color

**YIQ(226.8750, 8.0220,
8.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBE9
RGB	240, 219, 233
RGB Percent	94%, 86%, 91%
CMY	0.0588, 0.1412, 0.0862
CMYK	0.00, 0.09, 0.03, 0.06
HSL	320°, 41%, 90%
HSV	320°, 9%, 94%
XYZ	75.9782, 75.0698, 87.5802
YIQ	226.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

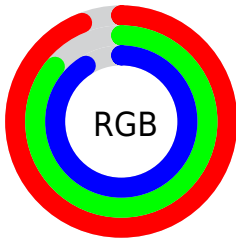
Format	Color
R _Y B	240, 219, 233
Decimal	15784937
CIE Lab	89.43, 9.62, -4.23
CIE LCh	89, 10.507, 336.252
Yxy	75.0698, 0.3184, 0.3146
Android (android.graphics.Color)	4293975017 (0xFFFF0DBE9)
YUV	226.8750, 3.0196, 11.5106
Hunter-Lab	86.6428, 4.9040, 0.7185

Details

The YIQ color $226.8750, 8.0220, 8.8060$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.1250, -8.0220, -8.8060$, 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 $171.4620, 7.7470, 8.2830$ is the 20% darker color. If you saturate the color by 10%, you get $211.8750, 17.1900, 18.8700$, and if you desaturate by 10%, it is $241.8750, -1.1460, -1.2580$.

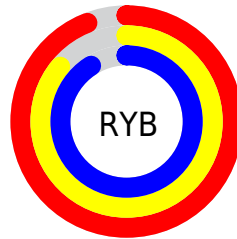
Distribution



Red (94%)

Green (86%)

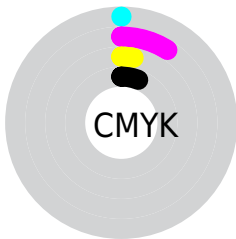
Blue (91%)



Red (94%)

Yellow (86%)

Blue (91%)

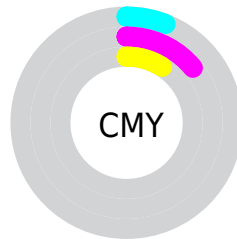


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (6%)



Cyan (6%)

Magenta (14%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.8750, 8.0220, 8.8060 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 226.8750, 8.0220, 8.8060 by changing the saturation by 10% instead.

226.8750, 8.0220,
8.8060

226.8750, 8.0220,
8.8060

255.0000, -0.0000,
-0.0000

198.8750, 8.0220,
8.8060

171.4620, 7.7470,
8.2830

145.1630, 7.1510,
8.0710

119.1630, 7.1510,
8.0710

94.7500, 6.8760,
7.5480

70.4510, 6.2800,
7.3360

48.0380, 6.0050,

6.8130

■ 27.3260, 5.1340,
6.0780

■ 5.0980, 5.7760,
5.4560

■ 226.8750, 8.0220,
8.8060

■ 226.8750, 8.0220,
8.8060

■ 211.8750, 17.1900,
18.8700

■ 241.8750, -1.1460,
-1.2580

■ 196.8750, 26.3580,
28.9340

■ 249.8310, -7.0140,
-5.0460

■ 181.8750, 35.5260,
38.9980

■ 250.5150, -8.9400,
-3.1800

■ 166.8750, 44.6940,
49.0620

■ 151.8750, 53.8620,
59.1260

■ 136.8750, 63.0300,
69.1900

■ 121.8750, 72.1980,
79.2540

■ 106.8750, 81.3660,
89.3180

■ 91.8750, 90.5340,
99.3820

Harmonies

Analogous

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



226.2590, -1.9270, 7.3930



226.8750, 8.0220, 8.8060



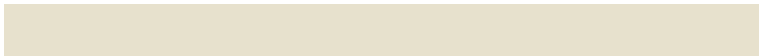
226.9420, 15.0830, 7.4910

Triad

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



226.8750, 8.0220, 8.8060



224.5140, 9.9960, -4.9480



221.7140, -19.8060, -4.4940

Complementary

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



226.8750, 8.0220, 8.8060



232.1250, -8.0220, -8.8060

Split Complementary

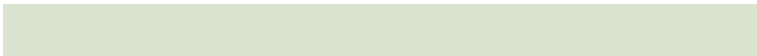
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.4600, -16.2750, -7.9150



226.8750, 8.0220, 8.8060



223.0290, 1.0560, -8.1280

Square

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



226.8750, 8.0220, 8.8060



225.3840, 16.4140, -0.1140



222.1250, -8.0220, -8.8060



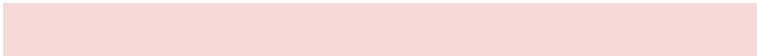
223.1320, -17.9270, 0.0010

Rectangle

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



226.8750, 8.0220, 8.8060



226.4430, 17.9260, 5.5260



222.1250, -8.0220, -8.8060



221.9590, -19.1180, -5.9500

Sweetspot

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



226.8750, 8.0220, 8.8060



249.9620, 3.1630, 3.2510



223.4870, -2.5690, 8.0150



124.2500, 2.2920, 2.5160



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.



226.8750, 8.0220, 8.8060



237.5380, 10.5890, 11.8450



225.7350, 11.2320, 5.6960



112.5000, 4.5840, 5.0320



68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Inverse Universe

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



226.8750, 8.0220, 8.8060



237.5380, 10.5890, 11.8450



233.3790, -11.5530, -5.3850



112.5000, 4.5840, 5.0320



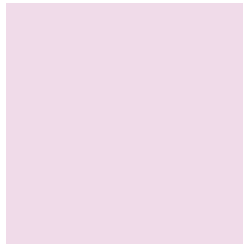
68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 226.8750, 8.0220, 8.8060 looks on a white background.

Color Contrast Check

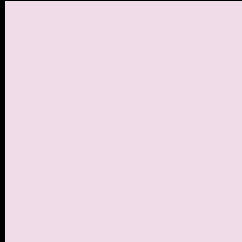
Large Text (above 18pt) WCAG AA × Fail

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 226.8750, 8.0220, 8.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

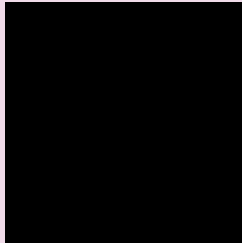
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.8750, 8.0220, 8.8060

Background



This preview shows how black text looks on a background with the YIQ color 226.8750, 8.0220, 8.8060.



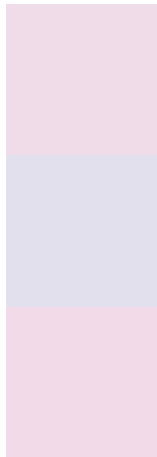
This preview shows how white text looks on a background with the YIQ color 226.8750, 8.0220,

8.8060.

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

226.8750, 8.0220, 8.8060

Protanopia

225.9660, -2.6600, 4.1560

Deuteranopia

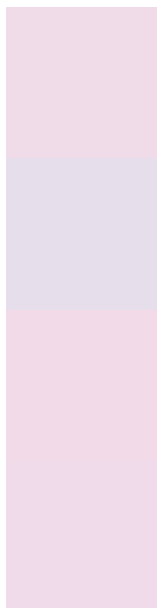
227.1850, 10.0850, 9.9650



Tritanopia

227.2170, 7.0590, 9.7390

Trichromacy



Original Color

226.8750, 8.0220, 8.8060

Protanomaly

226.1730, 1.1910, 5.9510

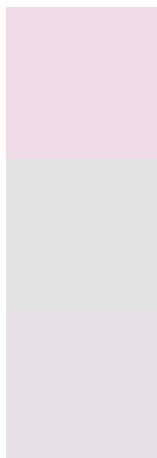
Deuteranomaly

226.8860, 9.4890, 9.7530

Tritanomaly

227.1030, 7.3800, 9.4280

Monochromacy



Original Color

226.8750, 8.0220, 8.8060

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.8750, 8.0220, 8.8060 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(240, 219, 233)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 233)  
}
```

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(240, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 233) }
```

Border

The CSS property to change the border of an element to YIQ 226.8750, 8.0220, 8.8060 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(240, 219, 233) }
```


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

```
.border{ border-color:rgb(240, 219, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 233);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 226.8750, 8.0220, 8.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 233) }
```

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

```
.background{ background-color: rgb(240,  
219, 233) }
```

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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