

Converting Colors

YIQ(222.8000, 12.6070, 8.3110)

Have a look what the booklet for
YIQ(222.8000, 12.6070, 8.3110)
contains.

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Color

**YIQ(222.8000, 12.6070,
8.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D6DF
RGB	240, 214, 223
RGB Percent	94%, 84%, 87%
CMY	0.0588, 0.1608, 0.1254
CMYK	0.00, 0.11, 0.07, 0.06
HSL	339°, 46%, 89%
HSV	339°, 11%, 94%
XYZ	73.3056, 71.9442, 79.8428
YIQ	222.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

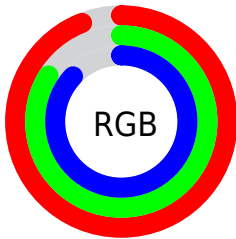
Format	Color
R _Y B	240, 214, 223
Decimal	15783647
CIE Lab	87.94, 10.51, -1.14
CIE LCh	88, 10.569, 353.794
Yxy	71.9442, 0.3257, 0.3196
Android (android.graphics.Color)	4293973727 (0xFFFF0D6DF)
YUV	222.8000, 0.0986, 15.0844
Hunter-Lab	84.8199, 5.8337, 3.5630

Details

The YIQ color $222.8000, 12.6070, 8.3110$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $231.2000, -12.6070, -8.3110$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.5010, 12.0110, 8.0990$ is the 20% darker color. If you saturate the color by 10%, you get $206.8880, 24.3430, 15.8870$, and if you desaturate by 10%, it is $238.7120, 0.8710, 0.7350$.

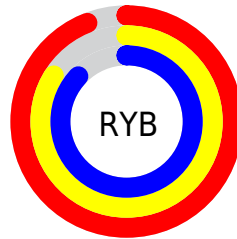
Distribution



Red (94%)

Green (84%)

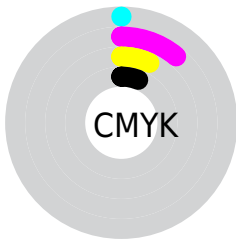
Blue (87%)



Red (94%)

Yellow (84%)

Blue (87%)

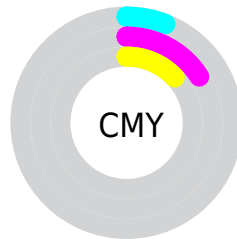


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.8000, 12.6070, 8.3110 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 222.8000, 12.6070, 8.3110 by changing the saturation by 10% instead.

222.8000, 12.6070,
8.3110

222.8000, 12.6070,
8.3110

255.0000, -0.0000,
-0.0000

194.8000, 12.6070,
8.3110

167.5010, 12.0110,
8.0990

141.2020, 11.4150,
7.8870

115.7890, 11.1400,
7.3640

91.0770, 10.2690,
6.6290

67.1910, 9.9480,
6.9400

44.8920, 9.3520,

6.7280

■ 24.1800, 8.4810,
5.9930

■ 1.1960, 2.3840,
0.8480

■ 222.8000, 12.6070,
8.3110

■ 222.8000, 12.6070,
8.3110

■ 206.8880, 24.3430,
15.8870

■ 238.7120, 0.8710,
0.7350

■ 191.0900, 35.7580,
23.7740

■ 250.4010, -8.6190,
-3.4910

■ 175.1780, 47.4940,
31.3500

■ 250.5150, -8.9400,
-3.1800

■ 159.2660, 59.2300,
38.9260

■ 143.4680, 70.6450,
46.8130

■ 127.5560, 82.3810,
54.3890

■ 111.6440, 94.1170,
61.9650

■ 95.8460, 105.5320,
69.8520

■ 81.2220, 116.3970,
76.6930

Harmonies

Analogous

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



222.7220, 4.0790, 8.6790



222.8000, 12.6070, 8.3110



222.5570, 17.6050, 5.8370

Triad

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



222.8000, 12.6070, 8.3110



219.1220, 5.2280, -6.6440



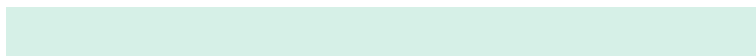
218.4800, -19.0270, -2.0910

Complementary

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



222.8000, 12.6070, 8.3110



231.2000, -12.6070, -8.3110

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.



217.2580, -18.5220, -5.7380



222.8000, 12.6070, 8.3110



218.2780, -4.0790, -8.6790

Square

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



222.8000, 12.6070, 8.3110



220.5360, 12.9300, -3.0540



217.9010, -13.2030, -8.5230



219.8660, -14.1220, 2.6300

Rectangle

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



222.8000, 12.6070, 8.3110



221.8620, 18.0640, 3.0240



217.9010, -13.2030, -8.5230



218.2410, -19.8520, -3.6600

Sweetspot

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



222.8000, 12.6070, 8.3110



249.7340, 3.8050, 2.6290



222.0470, 1.7860, 11.6900



124.0220, 2.9340, 1.8940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

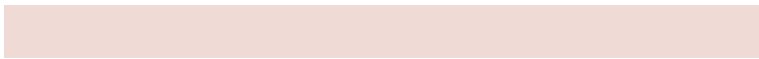
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.8000, 12.6070, 8.3110



233.1210, 16.1370, 10.4170



224.1220, 14.3960, 3.4200



112.0440, 5.8680, 3.7880



62.3120, 89.1200, 58.9120



18.9100, 27.2770, 17.7810

Inverse Universe

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



222.8000, 12.6070, 8.3110



233.1210, 16.1370, 10.4170



229.8780, -14.3960, -3.4200



112.0440, 5.8680, 3.7880



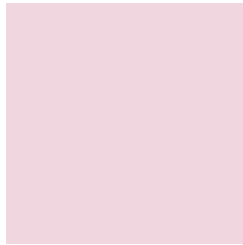
62.3120, 89.1200, 58.9120



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 222.8000, 12.6070, 8.3110 looks on a white background.

Color Contrast Check

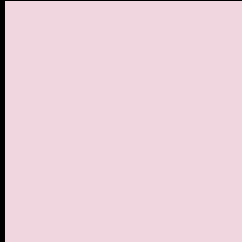
Large Text (above 18pt) WCAG AA × Fail

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 222.8000, 12.6070, 8.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

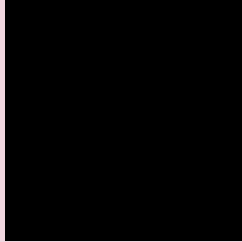
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.8000, 12.6070, 8.3110

Background



This preview shows how black text looks on a background with the YIQ color 222.8000, 12.6070, 8.3110.

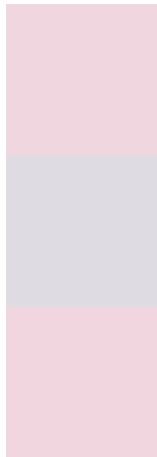


This preview shows how white text looks on a background with the YIQ color 222.8000, 12.6070,

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

222.8000, 12.6070, 8.3110

Protanopia

220.9940, 0.1370, 3.0250

Deuteranopia

223.0990, 13.2030, 8.5230



Tritanopia

223.3100, 11.2310, 11.2230

Trichromacy



Original Color

222.8000, 12.6070, 8.3110

Protanomaly

221.5000, 4.5840, 5.0320

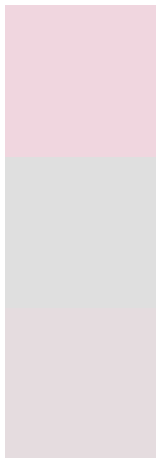
Deuteranomaly

223.0990, 13.2030, 8.5230

Tritanomaly

222.9680, 12.1940, 10.2900

Monochromacy



Original Color

222.8000, 12.6070, 8.3110

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8000, 12.6070, 8.3110 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, 214, 223)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 223)  
}
```

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, 214, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 223) }
```

Border

The CSS property to change the border of an element to YIQ 222.8000, 12.6070, 8.3110 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, 214, 223) }
```


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

```
.border{ border-color:rgb(240, 214, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 214, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8000, 12.6070, 8.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 223) }
```

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

```
.background{ background-color: rgb(240,  
214, 223) }
```

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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