

Converting Colors

YIQ(218.7710, 11.5510, 16.4390)

Have a look what the booklet for
YIQ(218.7710, 11.5510, 16.4390)
contains.

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Color

**YIQ(218.7710, 11.5510,
16.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CDEA
RGB	240, 205, 234
RGB Percent	94%, 80%, 92%
CMY	0.0587, 0.1961, 0.0823
CMYK	0.00, 0.15, 0.03, 0.06
HSL	310°, 54%, 87%
HSV	310°, 15%, 94%
XYZ	72.6239, 68.1263, 87.1684
YIQ	218.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

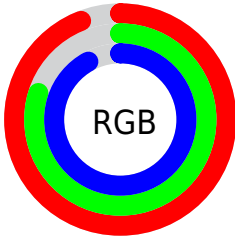
Format	Color
R _Y B	240, 205, 234
Decimal	15781354
CIE Lab	86.07, 17.15, -9.73
CIE LCh	86, 19.717, 330.445
Yxy	68.1263, 0.3186, 0.2989
Android (android.graphics.Color)	4293971434 (0xFFFF0CDEA)
YUV	218.7710, 7.5079, 18.6178
Hunter-Lab	82.5386, 12.6155, -4.8386

Details

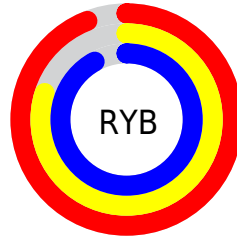
The YIQ color $218.7710, 11.5510, 16.4390$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $226.2290, -11.5510, -16.4390$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.9450, 11.0010, 15.3930$ is the 20% darker color. If you saturate the color by 10%, you get $204.2270, 19.4350, 27.7470$, and if you desaturate by 10%, it is $233.3150, 3.6670, 5.1310$.

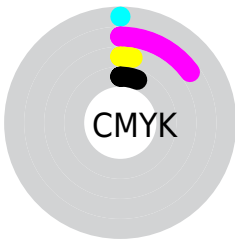
Distribution



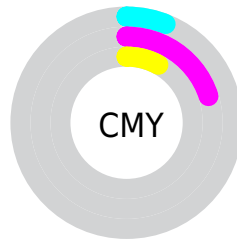
- Red (94%)
- Green (80%)
- Blue (92%)



- Red (94%)
- Yellow (80%)
- Blue (92%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.7710, 11.5510, 16.4390 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 218.7710, 11.5510, 16.4390 by changing the saturation by 10% instead.

218.7710, 11.5510,
16.4390

218.7710, 11.5510,
16.4390

255.0000, -0.0000,
-0.0000

190.7710, 11.5510,
16.4390

163.9450, 11.0010,
15.3930

137.6460, 10.4050,
15.1810

112.2330, 10.1300,
14.6580

87.5210, 9.2590,
13.9230

64.1080, 8.9840,
13.4000

41.3960, 8.1130,

12.6650

■ 19.5100, 7.7920,
12.9760

■ 0.7980, -2.2470,
2.1770

■ 218.7710, 11.5510,
16.4390

■ 218.7710, 11.5510,
16.4390

■ 204.2270, 19.4350,
27.7470

■ 233.3150, 3.6670,
5.1310

■ 189.6830, 27.3190,
39.0550

■ 247.8590, -4.2170,
-6.1770

■ 175.1390, 35.2030,
50.3630

■ 249.4890, -6.0510,
-5.9790

■ 160.5950, 43.0870,
61.6710

■ 250.0590, -7.6560,
-4.4240

■ 145.9370, 51.2920,
72.6680

■ 250.5150, -8.9400,
-3.1800

■ 131.3930, 59.1760,
83.9760

■ 116.8490, 67.0600,
95.2840

■ 102.3050, 74.9440,
106.5920

■ 94.4460, 79.1610,
112.7690

Harmonies

Analogous

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



216.9090, -6.5130, 13.4150



218.7710, 11.5510, 16.4390



218.5460, 25.3060, 14.9540

Triad

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



218.7710, 11.5510, 16.4390



214.6800, 21.0920, -7.8040



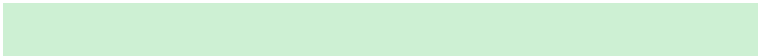
208.8580, -38.0070, -10.5430

Complementary

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



218.7710, 11.5510, 16.4390



226.2290, -11.5510, -16.4390

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.



208.6000, -28.6530, -14.8690



218.7710, 11.5510, 16.4390



212.4930, 5.3210, -13.8390

Square

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



218.7710, 11.5510, 16.4390



216.5120, 30.6730, 0.2810



210.0440, -12.4680, -16.3400



210.7970, -36.0370, -2.1890

Rectangle

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



218.7710, 11.5510, 16.4390



218.5480, 30.9920, 11.0240



210.0440, -12.4680, -16.3400



208.2880, -36.4020, -12.0980

Sweetspot

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



218.7710, 11.5510, 16.4390



248.9020, 3.3920, 4.6080



210.7840, -7.6590, 12.1570



123.6630, 2.5670, 3.0390



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.



218.7710, 11.5510, 16.4390



227.0860, 15.2180, 21.5700



216.8330, 17.0080, 11.1520



112.7280, 3.9420, 5.6540



72.3440, 60.8720, 86.2800



21.9880, 18.6100, 26.1780

Inverse Universe

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



218.7710, 11.5510, 16.4390



227.0860, 15.2180, 21.5700



228.1670, -17.0080, -11.1520



112.7280, 3.9420, 5.6540



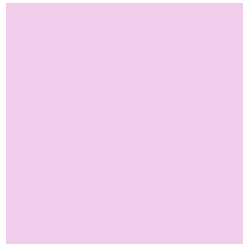
72.3440, 60.8720, 86.2800



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 218.7710, 11.5510, 16.4390 looks on a white background.

Color Contrast Check

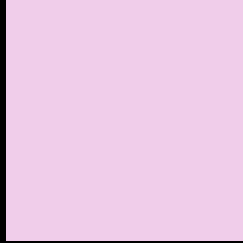
Large Text (above 18pt) WCAG AA × Fail

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 218.7710, 11.5510, 16.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

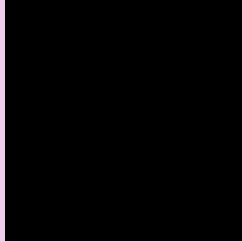
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.7710, 11.5510, 16.4390

Background



This preview shows how black text looks on a background with the YIQ color 218.7710, 11.5510, 16.4390.



This preview shows how white text looks on a background with the YIQ color 218.7710, 11.5510,

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

218.7710, 11.5510, 16.4390

Protanopia

216.3660, -9.5380, 7.6620

Deuteranopia

217.4170, 3.6200, 11.4920



Tritanopia

218.0930, 13.3400, 11.5480

Trichromacy



Original Color

218.7710, 11.5510, 16.4390

Protanomaly

217.3670, -2.1110, 10.7290

Deuteranomaly

218.0260, 6.2790, 12.8630

Tritanomaly

218.2610, 12.9270, 13.5270

Monochromacy



Original Color

218.7710, 11.5510, 16.4390

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.7710, 11.5510, 16.4390 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, 205, 234)` looks like.

```
.text, #text, p{  
    color:rgb(240, 205, 234)  
}
```

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, 205, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 205, 234) }
```

Border

The CSS property to change the border of an element to YIQ 218.7710, 11.5510, 16.4390 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, 205, 234) }
```


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

```
.border{ border-color:rgb(240, 205, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 205, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 205, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 205, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 205,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 218.7710, 11.5510, 16.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 205, 234) }
```

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

```
.background{ background-color: rgb(240,  
205, 234) }
```

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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