

Converting Colors

YIQ(215.7770, 11.4140, 13.4140)

Have a look what the booklet for
YIQ(215.7770, 11.4140, 13.4140)
contains.

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Color

**YIQ(215.7770, 11.4140,
13.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCCE2
RGB	235, 204, 226
RGB Percent	92%, 80%, 89%
CMY	0.0783, 0.2000, 0.1137
CMYK	0.00, 0.13, 0.04, 0.08
HSL	317°, 44%, 86%
HSV	317°, 13%, 92%
XYZ	69.5866, 66.3369, 81.0934
YIQ	215.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

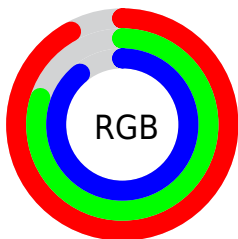
Format	Color
R _Y B	235, 204, 226
Decimal	15453410
CIE Lab	85.17, 14.57, -6.86
CIE LCh	85, 16.108, 334.788
Yxy	66.3369, 0.3207, 0.3057
Android (android.graphics.Color)	4293643490 (0xFFEBCCE2)
YUV	215.7770, 5.0399, 16.8586
Hunter-Lab	81.4475, 9.9726, -2.0190

Details

The YIQ color $215.7770, 11.4140, 13.4140$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.2230, -11.4140, -13.4140$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.0650, 10.5430, 12.6790$ is the 20% darker color. If you saturate the color by 10%, you get $200.8910, 20.2610, 23.7890$, and if you desaturate by 10%, it is $230.0760, 2.8420, 3.5620$.

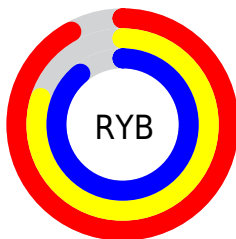
Distribution



Red (92%)

Green (80%)

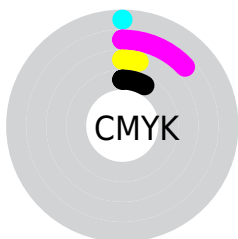
Blue (89%)



Red (92%)

Yellow (80%)

Blue (89%)

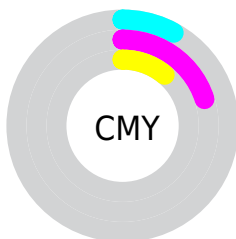


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.7770, 11.4140, 13.4140 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 215.7770, 11.4140, 13.4140 by changing the saturation by 10% instead.

■ 215.7770, 11.4140,
13.4140

■ 215.7770, 11.4140,
13.4140

255.0000, -0.0000,
-0.0000

■ 187.7770, 11.4140,
13.4140

■ 161.0650, 10.5430,
12.6790

■ 134.6520, 10.2680,
12.1560

■ 109.3530, 9.6720,
11.9440

■ 84.9400, 9.3970,
11.4210

■ 61.5270, 9.1220,
10.8980

■ 39.2280, 8.5260,

10.6860

■ 17.6410, 8.8010,
11.2090

■ 0.0000, 0.0000,
0.0000

■ 215.7770, 11.4140,
13.4140

■ 215.7770, 11.4140,
13.4140

■ 200.8910, 20.2610,
23.7890

■ 230.0760, 2.8420,
3.5620

■ 186.5920, 28.8330,
33.6410

■ 244.9620, -6.0050,
-6.8130

■ 171.8200, 37.3590,
44.3270

■ 247.9940, -9.0310,
-7.0390

■ 157.5210, 45.9310,
54.1790

■ 248.7920,
-11.2780, -4.8620

■ 142.6350, 54.7780,
64.5540

■ 249.0200,
-11.9200, -4.2400

■ 128.3360, 63.3500,
74.4060

■ 113.4500, 72.1970,
84.7810

■ 99.1510, 80.7690,
94.6330

■ 89.3030, 86.4530,
101.7570

Harmonies

Analogous

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



214.7090, -3.0740, 11.6620



215.7770, 11.4140, 13.4140



215.5840, 22.1430, 11.7030

Triad

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



215.7770, 11.4140, 13.4140



211.9830, 15.8650, -6.6870



207.8590, -30.5800, -7.4760

Complementary

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



215.7770, 11.4140, 13.4140



223.2230, -11.4140, -13.4140

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.



207.7470, -24.5730, -11.7170



215.7770, 11.4140, 13.4140



210.1060, 2.1570, -11.5630

Square

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



215.7770, 11.4140, 13.4140



213.5760, 24.6210, -0.1710



208.3370, -11.7350, -13.1030



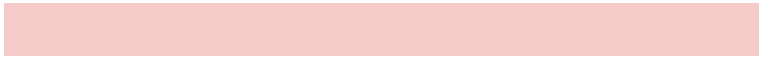
209.7440, -28.5180, -0.7900

Rectangle

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



215.7770, 11.4140, 13.4140



215.3300, 25.6740, 8.2820



208.3370, -11.7350, -13.1030



207.4030, -29.2960, -8.7200

Sweetspot

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



215.7770, 11.4140, 13.4140



248.7880, 3.7130, 4.2970



210.2250, -4.5870, 11.5490



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.



215.7770, 11.4140, 13.4140



229.5650, 15.1270, 17.7110



214.0670, 16.2290, 8.7490



110.2010, 3.9880, 4.8200



68.7110, 66.7880, 78.1800



20.4780, 19.9860, 23.2660

Inverse Universe

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



215.7770, 11.4140, 13.4140



229.5650, 15.1270, 17.7110



224.9330, -16.2290, -8.7490



110.2010, 3.9880, 4.8200



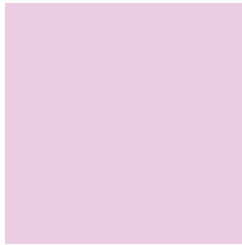
68.7110, 66.7880, 78.1800



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 215.7770, 11.4140, 13.4140 looks on a white background.

Color Contrast Check

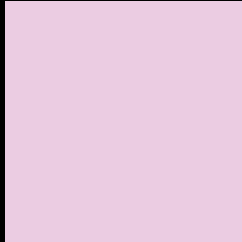
Large Text (above 18pt) WCAG AA × Fail

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 215.7770, 11.4140, 13.4140 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 215.7770, 11.4140, 13.4140

Background



This preview shows how black text looks on a background with the YIQ color 215.7770, 11.4140, 13.4140.

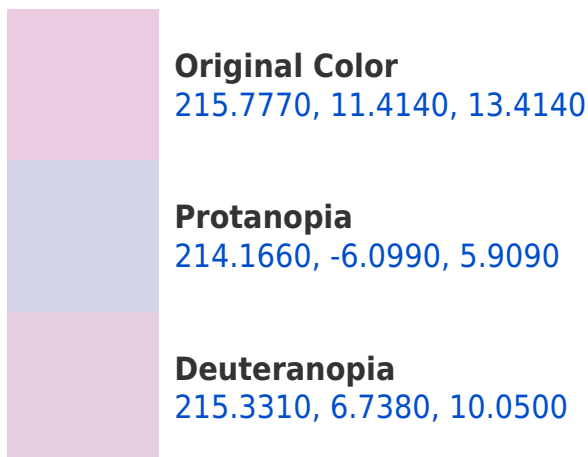


This preview shows how white text looks on a background with the YIQ color 215.7770, 11.4140, 13.4140.

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





Tritanopia

215.4950, 12.1480, 11.1240

Trichromacy



Original Color

215.7770, 11.4140, 13.4140

Protanomaly

214.5690, 0.1360, 8.5520

Deuteranomaly

215.6410, 8.8010, 11.2090

Tritanomaly

215.7230, 11.5060, 11.7460

Monochromacy



Original Color

215.7770, 11.4140, 13.4140

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2010, 3.9880, 4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7770, 11.4140, 13.4140 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(235, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 226)  
}
```

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(235, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 226) }
```

Border

The CSS property to change the border of an element to YIQ 215.7770, 11.4140, 13.4140 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(235, 204, 226) }
```


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

```
.border{ border-color:rgb(235, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7770, 11.4140, 13.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 226) }
```

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

```
.background{ background-color: rgb(235,  
204, 226) }
```

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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