

Converting Colors

YIQ(213.5510, 0.5470, 17.6270)

Have a look what the booklet for
YIQ(213.5510, 0.5470, 17.6270)
contains.

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Color

**YIQ(213.5510, 0.5470,
17.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CAF3
RGB	225, 202, 243
RGB Percent	88%, 79%, 95%
CMY	0.1176, 0.2079, 0.0471
CMYK	0.07, 0.17, 0.00, 0.05
HSL	274°, 63%, 87%
HSV	274°, 17%, 95%
XYZ	68.3525, 64.7180, 93.6773
YIQ	213.5510, 0.5470, 17.6270

Conversions

Conversions Part 2

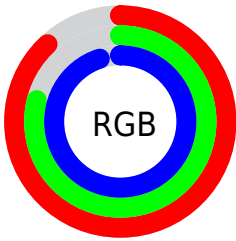
Format	Color
R _Y B	225, 202, 243
Decimal	14797555
CIE Lab	84.34, 15.47, -17.22
CIE LCh	84, 23.151, 311.933
Yxy	64.7180, 0.3014, 0.2854
Android (android.graphics.Color)	4292987635 (0xFFE1CAF3)
YUV	213.5510, 14.5184, 10.0408
Hunter-Lab	80.4475, 10.8800, -12.7271

Details

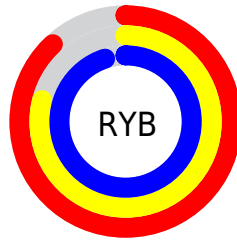
The YIQ color $213.5510, 0.5470, 17.6270$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.4490, -0.5470, -17.6270$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.0240, 0.5930, 16.7930$ is the 20% darker color. If you saturate the color by 10%, you get $196.1740, 0.5910, 27.8470$, and if you desaturate by 10%, it is $230.9280, 0.5030, 7.4070$.

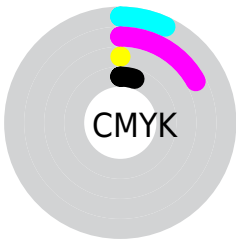
Distribution



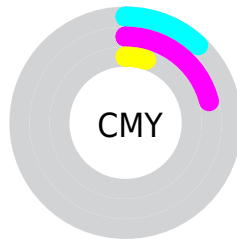
- Red (88%)
- Green (79%)
- Blue (95%)



- Red (88%)
- Yellow (79%)
- Blue (95%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5510, 0.5470, 17.6270 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 213.5510, 0.5470, 17.6270 by changing the saturation by 10% instead.

■ 213.5510, 0.5470,
17.6270

■ 213.5510, 0.5470,
17.6270

255.0000, -0.0000,
-0.0000

■ 186.1380, 0.2720,
17.1040

■ 159.0240, 0.5930,
16.7930

■ 132.6110, 0.3180,
16.2700

■ 107.1980, 0.0430,
15.7470

■ 82.6710, 0.0890,
14.9130

■ 59.8450, -0.4610,
13.8670

■ 37.4320, -0.7360,

13.3440

■ 15.4430, 0.7310,
14.2910

■ 2.5250, -5.7320,
4.7640

■ 213.5510, 0.5470,
17.6270

■ 213.5510, 0.5470,
17.6270

■ 196.1740, 0.5910,
27.8470

■ 230.9280, 0.5030,
7.4070

■ 178.5090, 1.5060,
38.8020

■ 248.5930, -0.4120,
-3.5480

■ 161.1320, 1.5500,
49.0220

■ 253.6320, 3.8520,
-3.7320

■ 143.7550, 1.5940,
59.2420

■ 126.0900, 2.5090,
70.1970

■ 108.7130, 2.5530,
80.4170

■ 91.3360, 2.5970,
90.6370

■ 74.2580, 3.2370,
101.0690

■ 68.3660, 3.0530,
104.4050

Harmonies

Analogous

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



210.4280, -21.2760, 11.1400



213.5510, 0.5470, 17.6270



214.8430, 20.2160, 19.0960

Triad

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



213.5510, 0.5470, 17.6270



211.0620, 31.8200, -3.9880



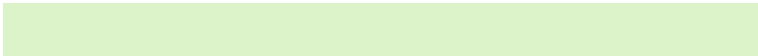
201.6140, -40.4360, -16.0840

Complementary

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



213.5510, 0.5470, 17.6270



231.4490, -0.5470, -17.6270

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.



203.4880, -22.6460, -19.1100



213.5510, 0.5470, 17.6270



208.7780, 17.7000, -12.4120

Square

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



213.5510, 0.5470, 17.6270



212.6210, 37.9160, 6.6840



205.9650, -2.0600, -17.7400



202.4210, -46.9020, -9.0300

Rectangle

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



213.5510, 0.5470, 17.6270



214.3510, 30.3490, 17.1730



205.9650, -2.0600, -17.7400



201.8980, -35.4840, -17.7240

Sweetspot

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



213.5510, 0.5470, 17.6270



245.5750, -0.0010, 5.5270



217.2400, -18.1110, 3.3370



122.1080, -0.1840, 3.3360



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.



213.5510, 0.5470, 17.6270



218.4850, 0.9130, 22.0090



218.7050, 11.9170, 20.8210



113.4610, 0.3200, 5.2160



52.5990, 2.8740, 80.1060



16.5930, 0.7290, 25.3450

Inverse Universe

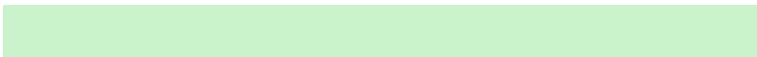
The Inverse Universe completely reimagines the original color for something new.



216.3110, 18.6580, 14.2900



221.7570, 23.3340, 17.6540



226.2950, -11.9170, -20.8210



114.2720, 5.2260, 4.4100



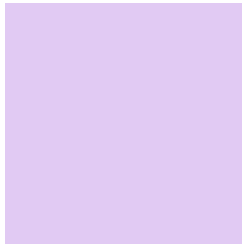
64.9620, 84.5340, 64.9340



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 213.5510, 0.5470, 17.6270 looks on a white background.

Color Contrast Check

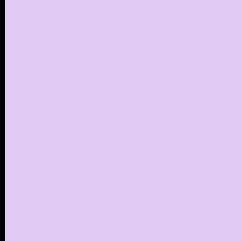
Large Text (above 18pt) WCAG AA × Fail

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 213.5510, 0.5470, 17.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

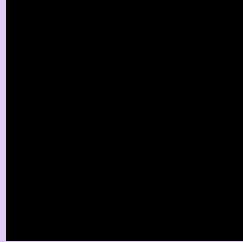
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.5510, 0.5470, 17.6270

Background



This preview shows how black text looks on a background with the YIQ color 213.5510, 0.5470, 17.6270.



This preview shows how white text looks on a background with the YIQ color 213.5510, 0.5470,

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

213.5510, 0.5470, 17.6270

Protanopia

211.5380, -15.7740, 10.5460

Deuteranopia

212.5070, -5.3210, 13.8390



Tritanopia

212.6080, 4.4000, 8.3680

Trichromacy



Original Color

213.5510, 0.5470, 17.6270

Protanomaly

212.0550, -9.8600, 13.5000

Deuteranomaly

212.8170, -3.2580, 14.9980

Tritanomaly

213.2320, 2.7030, 11.5910

Monochromacy



Original Color

213.5510, 0.5470, 17.6270

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1020, -0.0470, 6.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5510, 0.5470, 17.6270 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(225, 202, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 202, 243)  
}
```

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(225, 202, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 202, 243) }
```

Border

The CSS property to change the border of an element to YIQ 213.5510, 0.5470, 17.6270 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(225, 202, 243) }
```


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

```
.border{ border-color:rgb(225, 202, 243) }
```

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

Here you see how a box with a 4 pixel rgb(225, 202, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 202, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 202, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 202,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5510, 0.5470, 17.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 202, 243) }
```

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

```
.background{ background-color: rgb(225,  
202, 243) }
```

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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