

Converting Colors

YIQ(198.2510, 10.8600, 34.4760)

Have a look what the booklet for
YIQ(198.2510, 10.8600, 34.4760)
contains.

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Color

**YIQ(198.2510, 10.8600,
34.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ADF5
RGB	230, 173, 245
RGB Percent	90%, 68%, 96%
CMY	0.0979, 0.3216, 0.0392
CMYK	0.06, 0.29, 0.00, 0.04
HSL	288°, 78%, 82%
HSV	288°, 29%, 96%
XYZ	64.0678, 53.3010, 93.2950
YIQ	198.2510, 10.8600, 34.4760

Conversions

Conversions Part 2

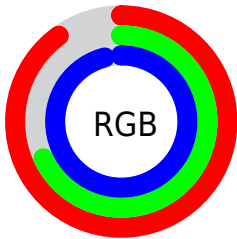
Format	Color
R _Y B	230, 173, 245
Decimal	15117813
CIE Lab	78.05, 33.00, -27.80
CIE LCh	78, 43.151, 319.889
Yxy	53.3010, 0.3041, 0.2530
Android (android.graphics.Color)	4293307893 (0xFFE6ADF5)
YUV	198.2510, 23.0473, 27.8439
Hunter-Lab	73.0075, 28.8797, -24.6603

Details

The YIQ color $198.2510, 10.8600, 34.4760$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $219.7490, -10.8600, -34.4760$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $239.7380, 7.1500, 13.5980$, and $144.0120, 10.0350, 32.9070$ is the 20% darker color. If you saturate the color by 10%, you get $182.0810, 14.7550, 46.4910$, and if you desaturate by 10%, it is $213.8340, 7.2400, 22.9840$.

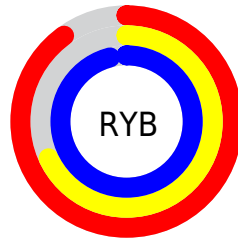
Distribution



Red (90%)

Green (68%)

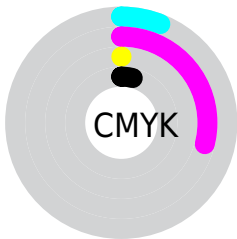
Blue (96%)



Red (90%)

Yellow (68%)

Blue (96%)

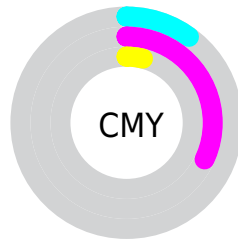


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.2510, 10.8600, 34.4760 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 198.2510, 10.8600, 34.4760 by changing the saturation by 10% instead.

■ 198.2510, 10.8600,
34.4760

■ 198.2510, 10.8600,
34.4760

255.0000, -0.0000,
-0.0000

■ 170.7240, 10.9060,
33.6420

■ 239.7380, 7.1500,
13.5980

■ 144.0120, 10.0350,
32.9070

■ 117.1860, 9.4850,
31.8610

■ 92.3600, 8.9350,
30.8150

■ 67.5340, 8.3850,
29.7690

■ 43.8220, 7.5140,
29.0340

■ 20.4090, 7.2390,

28.5110

■ 11.9210, 2.3810,
17.4290

■ 2.4110, -5.4110,
4.4530

■ 198.2510, 10.8600,
34.4760

■ 198.2510, 10.8600,
34.4760

■ 182.0810, 14.7550,
46.4910

■ 213.8340, 7.2400,
22.9840

■ 166.4980, 18.3750,
57.9830

■ 230.0040, 3.3450,
10.9690

■ 150.3280, 22.2700,
69.9980

■ 245.5870, -0.2750,
-0.5230

■ 134.7450, 25.8900,
81.4900

■ 252.3650, 0.2300,
-4.1700

■ 118.5750, 29.7850,
93.5050

■ 253.8600, 3.2100,
-3.1100

■ 102.9920, 33.4050,
104.9970

■ 86.5230, 36.7040,
116.8000

■ 85.9360, 36.9790,
117.3230

Harmonies

Analogous

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



192.3490, -28.0630, 18.5050



198.2510, 10.8600, 34.4760



195.6380, 40.3870, 33.4990

Triad

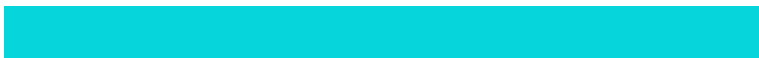
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198.2510, 10.8600, 34.4760



191.2470, 49.9320, -12.8520



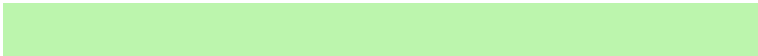
152.3780, -125.5730, -42.5410

Complementary

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



198.2510, 10.8600, 34.4760



219.7490, -10.8600, -34.4760

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.



172.8310, -60.8810, -36.5370



198.2510, 10.8600, 34.4760



187.4450, 22.4710, -27.2970

Square

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



198.2510, 10.8600, 34.4760



192.3710, 61.9870, 5.4670



181.7100, -15.1240, -34.2920



154.8030, -133.5990, -29.2390

Rectangle

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



198.2510, 10.8600, 34.4760



191.3860, 49.6040, 26.1480



181.7100, -15.1240, -34.2920



162.7420, -97.2390, -38.4150

Sweetspot

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



198.2510, 10.8600, 34.4760



240.0040, 3.3450, 10.9690



190.6000, -27.5120, 14.0240



118.2980, 2.3370, 7.2090



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.



198.2510, 10.8600, 34.4760



197.0760, 13.1510, 42.5190



200.4560, 26.2200, 31.4360



114.3580, 2.1080, 5.8520



65.4560, 28.5020, 89.2220



20.4800, 8.4770, 28.1010

Inverse Universe

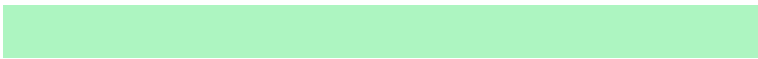
The Inverse Universe completely reimagines the original color for something new.



196.2380, 38.0970, 19.9290



194.6630, 47.2660, 24.4660



217.5440, -26.2200, -31.4360



113.9300, 6.1890, 3.4770



60.0600, 98.3370, 51.5610



19.0090, 31.3120, 16.2400

Previews

White Background



This preview shows how the YIQ color 198.2510, 10.8600, 34.4760 looks on a white background.

Color Contrast Check

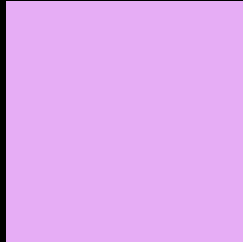
Large Text (above 18pt) WCAG AA × Fail

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 198.2510, 10.8600, 34.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

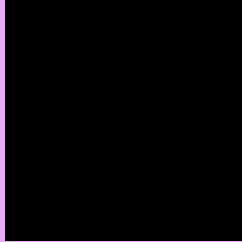
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.2510, 10.8600, 34.4760

Background



This preview shows how black text looks on a background with the YIQ color 198.2510, 10.8600, 34.4760.



This preview shows how white text looks on a background with the YIQ color 198.2510, 10.8600,

34.4760.

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

198.2510, 10.8600, 34.4760

Protanopia

193.8110, -29.4840, 16.7240

Deuteranopia

194.4440, -18.2050, 16.0590



Tritanopia

195.8550, 19.9420, 13.0460

Trichromacy



Original Color

198.2510, 10.8600, 34.4760



Protanomaly

195.2260, -14.3550, 23.3810



Deuteranomaly

195.8200, -7.3400, 22.9000



Tritanomaly

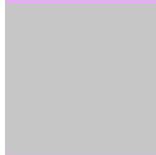
197.0430, 16.7770, 20.8490

Monochromacy



Original Color

198.2510, 10.8600, 34.4760



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

198.2430, 4.1700, 12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.2510, 10.8600, 34.4760 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(230, 173, 245)` looks like.

```
.text, #text, p{  
    color:rgb(230, 173, 245)  
}
```

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(230, 173, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 173, 245) }
```

Border

The CSS property to change the border of an element to YIQ 198.2510, 10.8600, 34.4760 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(230, 173, 245) }
```


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

```
.border{ border-color:rgb(230, 173, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 173, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 173, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 173, 245);  
box-shadow:4px 4px 4px 4px rgb(230, 173,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 198.2510, 10.8600, 34.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 173, 245) }
```

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

```
.background{ background-color: rgb(230,  
173, 245) }
```

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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