

Converting Colors

YIQ(198.5820, 16.4570, 15.6330)

Have a look what the booklet for
YIQ(198.5820, 16.4570, 15.6330)
contains.

YIQ(198.5820, 16.4570, 15.6330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(198.5820, 16.4570,
15.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B8CF
RGB	224, 184, 207
RGB Percent	88%, 72%, 81%
CMY	0.1215, 0.2785, 0.1882
CMYK	0.00, 0.18, 0.08, 0.12
HSL	325°, 39%, 80%
HSV	325°, 18%, 88%
XYZ	59.1501, 54.6314, 66.4666
YIQ	198.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

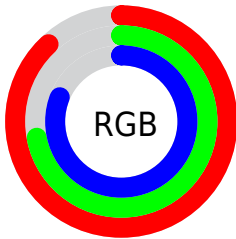
Format	Color
R_{YB}	224, 184, 207
Decimal	14727375
CIE _{Lab}	78.83, 18.14, -6.16
CIE _{LCh}	79, 19.158, 341.238
Yxy	54.6314, 0.3282, 0.3031
Android (android.graphics.Color)	4292917455 (0xFFE0B8CF)
YUV	198.5820, 4.1501, 22.2916
Hunter-Lab	73.9130, 13.4997, -1.5777

Details

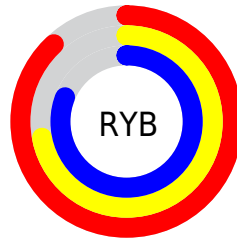
The YIQ color **198.5820, 16.4570, 15.6330** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209.4180, -16.4570, -15.6330**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1950, 4.1250, 7.8450**, and **144.5710, 14.9900, 14.6860** is the 20% darker color. If you saturate the color by 10%, you get **184.5280, 25.7170, 24.0290**, and if you desaturate by 10%, it is **212.6360, 7.1970, 7.2370**.

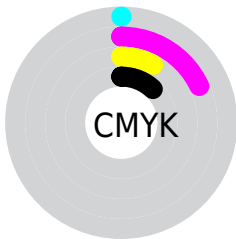
Distribution



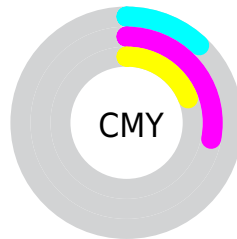
- Red (88%)
- Green (72%)
- Blue (81%)



- Red (88%)
- Yellow (72%)
- Blue (81%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.5820, 16.4570, 15.6330 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 198.5820, 16.4570, 15.6330 by changing the saturation by 10% instead.


 198.5820, 16.4570,
15.6330


 198.5820, 16.4570,
15.6330


255.0000, -0.0000,
-0.0000


 171.1690, 16.1820,
15.1100


 246.1950, 4.1250,
7.8450

 144.5710, 14.9900,
14.6860

 118.5710, 14.9900,
14.6860

 93.8590, 14.1190,
13.9510

 70.1470, 13.2480,
13.2160

 47.4350, 12.3770,
12.4810

 25.8370, 11.1850,

12.0570

■ 8.4300, 10.7730,
8.5090

■ 0.0000, 0.0000,
0.0000

■ 198.5820, 16.4570,
15.6330

■ 198.5820, 16.4570,
15.6330

■ 184.5280, 25.7170,
24.0290

■ 212.6360, 7.1970,
7.2370

■ 170.0010, 34.9310,
33.2590

■ 227.1630, -2.0170,
-1.9930

■ 155.9470, 44.1910,
41.6550

■ 241.2170,
-11.2770, -10.3890

■ 141.4200, 53.4050,
50.8850

■ 244.5910,
-15.2660, -9.6820

■ 127.3660, 62.6650,
59.2810

■ 245.7310,
-18.4760, -6.5720

■ 113.4260, 71.6040,
67.9880

■ 98.7850, 81.1390,
76.9070

■ 84.8450, 90.0780,
85.6140

■ 81.6820, 92.0950,
87.6070

Harmonies

Analogous

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



197.5570, 0.4100, 14.6020



198.5820, 16.4570, 15.6330



198.3350, 27.2780, 12.2540

Triad

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



198.5820, 16.4570, 15.6330



193.6900, 15.1320, -9.9240



189.1510, -37.2740, -7.3060

Complementary

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



198.5820, 16.4570, 15.6330



209.4180, -16.4570, -15.6330

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.



188.6860, -31.7710, -13.4270



198.5820, 16.4570, 15.6330



191.5570, -0.7310, -14.2910

Square

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



198.5820, 16.4570, 15.6330



195.4790, 26.2720, -2.5600



189.9340, -17.9700, -15.7460



191.8300, -31.6360, 0.6520

Rectangle

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



198.5820, 16.4570, 15.6330



197.5540, 30.8550, 7.9990



189.9340, -17.9700, -15.7460



188.8690, -36.5400, -9.5960

Sweetspot

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



198.5820, 16.4570, 15.6330



246.7990, 5.1800, 5.2440



193.6430, -2.7080, 16.0440



122.8480, 3.4840, 2.9400



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.



198.5820, 16.4570, 15.6330



220.6800, 22.2330, 21.0890



196.3020, 22.8770, 9.4130



104.9730, 4.6300, 4.1980



64.1380, 72.4750, 68.7230



17.5440, 19.6200, 18.8840

Inverse Universe

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



198.5820, 16.4570, 15.6330



220.6800, 22.2330, 21.0890



211.6980, -22.8770, -9.4130



104.9730, 4.6300, 4.1980



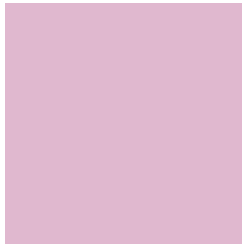
64.1380, 72.4750, 68.7230



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 198.5820, 16.4570, 15.6330 looks on a white background.

Color Contrast Check

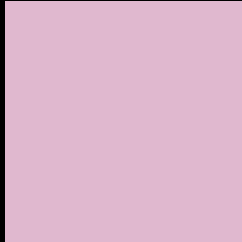
Large Text (above 18pt) WCAG AA × Fail

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 198.5820, 16.4570, 15.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

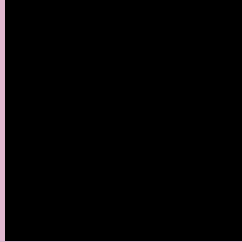
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.5820, 16.4570, 15.6330

Background



This preview shows how black text looks on a background with the YIQ color 198.5820, 16.4570, 15.6330.



This preview shows how white text looks on a background with the YIQ color 198.5820, 16.4570,

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

198.5820, 16.4570, 15.6330

Protanopia

196.1660, -6.0990, 5.9090

Deuteranopia

197.5050, 6.1880, 9.0040



Tritanopia

198.0720, 17.8330, 12.7210

Trichromacy



Original Color

198.5820, 16.4570, 15.6330

Protanomaly

196.8790, 2.1990, 9.7110

Deuteranomaly

197.8260, 9.7180, 11.1100

Tritanomaly

198.4140, 16.8700, 13.6540

Monochromacy



Original Color

198.5820, 16.4570, 15.6330

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0980, 5.7760, 5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5820, 16.4570, 15.6330 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(224, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 207)  
}
```

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(224, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 207) }
```

Border

The CSS property to change the border of an element to YIQ 198.5820, 16.4570, 15.6330 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(224, 184, 207) }
```


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

```
.border{ border-color:rgb(224, 184, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 184, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5820, 16.4570, 15.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 207) }
```

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

```
.background{ background-color: rgb(224,  
184, 207) }
```

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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