

Converting Colors

YIQ(198.8570, 16.4600, -0.9480)

Have a look what the booklet for
YIQ(198.8570, 16.4600, -0.9480)
contains.

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Color

**YIQ(198.8570, 16.4600,
-0.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C3B3
RGB	214, 195, 179
RGB Percent	84%, 76%, 70%
CMY	0.1607, 0.2353, 0.2980
CMYK	0.00, 0.09, 0.16, 0.16
HSL	27°, 30%, 77%
HSV	27°, 16%, 84%
XYZ	55.3862, 56.5796, 50.6601
YIQ	198.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

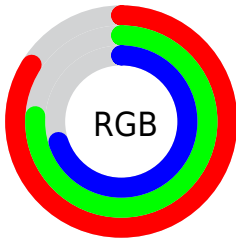
Format	Color
R_{YB}	214, 208, 179
Decimal	14074803
CIE _{Lab}	79.94, 4.08, 10.44
CIE _{LCh}	80, 11.212, 68.639
Yxy	56.5796, 0.3406, 0.3479
Android (android.graphics.Color)	4292264883 (0xFFD6C3B3)
YUV	198.8570, -9.7895, 13.2804
Hunter-Lab	75.2194, -0.1993, 12.7219

Details

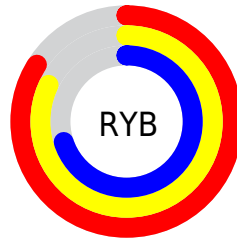
The YIQ color $198.8570, 16.4600, -0.9480$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.1430, -16.4600, 0.9480$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.9590, 7.2450, -4.6510$, and $144.6720, 15.5430, -0.8490$ is the 20% darker color. If you saturate the color by 10%, you get $189.4190, 26.5010, -1.2030$, and if you desaturate by 10%, it is $208.2950, 6.4190, -0.6930$.

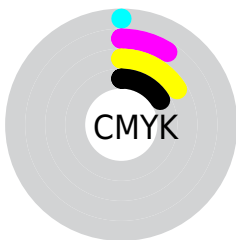
Distribution



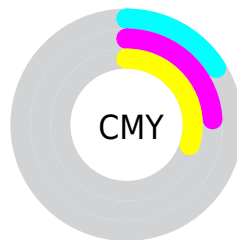
- Red (84%)
- Green (76%)
- Blue (70%)



- Red (84%)
- Yellow (82%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.8570, 16.4600, -0.9480 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 198.8570, 16.4600, -0.9480 by changing the saturation by 10% instead.


 198.8570, 16.4600,
-0.9480


 198.8570, 16.4600,
-0.9480


255.0000, -0.0000,
-0.0000


 171.5580, 15.8640,
-1.1600


 250.9590, 7.2450,
-4.6510

 144.6720, 15.5430,
-0.8490

 119.3730, 14.9470,
-1.0610

 94.1880, 14.0300,
-0.9620

 71.0030, 13.1130,
-0.8630

 48.4050, 11.9210,
-1.2870

 26.9920, 11.6460,

-1.8100

■ 2.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,
0.0000

■ 198.8570, 16.4600,
-0.9480

■ 198.8570, 16.4600,
-0.9480

■ 189.4190, 26.5010,
-1.2030

■ 208.2950, 6.4190,
-0.6930

■ 180.4540, 36.5880,
-2.2920

■ 217.2600, -3.6680,
0.3960

■ 171.0160, 46.6290,
-2.5470

■ 226.6980,
-13.7090, 0.6510

■ 161.4640, 56.9910,
-3.1130

■ 235.1100,
-20.8610, -1.8930

■ 152.6130, 66.7570,
-3.8910

■ 241.5670,
-23.8860, -7.6460

■ 143.1750, 76.7980,
-4.1460

■ 242.7410,
-24.4360, -8.6920

■ 134.2100, 86.8850,
-5.2350

■ 124.7720, 96.9260,
-5.4900

■ 121.5120,
100.5940, -5.8860

Harmonies

Analogous

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



199.6880, 18.6140, 4.0700



198.8570, 16.4600, -0.9480



197.5140, 9.9960, -4.9480

Triad

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



198.8570, 16.4600, -0.9480



194.9760, -17.7880, -8.0280



199.9710, -1.0560, 8.1280

Complementary

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



198.8570, 16.4600, -0.9480



194.1430, -16.4600, 0.9480

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.



198.3010, -10.9130, 5.0470



198.8570, 16.4600, -0.9480



195.5290, -20.7230, -4.3950

Square

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



198.8570, 16.4600, -0.9480



195.5270, -9.2140, -9.2300



196.2460, -18.2480, 0.3120



200.4730, 9.2140, 9.2300

Rectangle

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



198.8570, 16.4600, -0.9480



197.1110, 3.7610, -7.5910



196.2460, -18.2480, 0.3120



199.4760, -4.0360, 7.0680

Sweetspot

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



198.8570, 16.4600, -0.9480



249.4090, 6.0980, -0.3820



191.6310, 14.7610, 13.3290



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



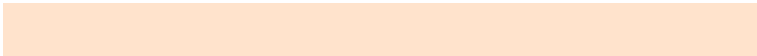
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198.8570, 16.4600, -0.9480



232.7500, 24.0710, -1.2170



208.8360, 11.7850, -9.8390



102.2240, 5.1810, -0.2830



96.9150, 80.4660, -4.5420



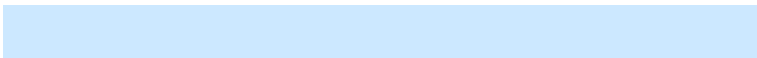
24.5970, 20.1280, -1.3440

Inverse Universe

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



194.1430, -16.4600, 0.9480



226.2500, -24.0710, 1.2170



184.1640, -11.7850, 9.8390



100.7760, -5.1810, 0.2830



74.0850, -80.4660, 4.5420



18.9900, -20.4030, 0.8210

Previews

White Background



This preview shows how the YIQ color 198.8570, 16.4600, -0.9480 looks on a white background.

Color Contrast Check

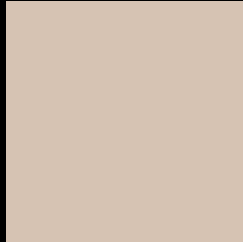
Large Text (above 18pt) WCAG AA × Fail

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 198.8570, 16.4600, -0.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

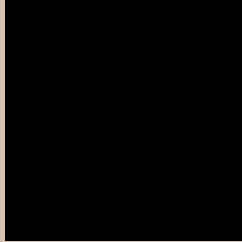
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.8570, 16.4600, -0.9480

Background



This preview shows how black text looks on a background with the YIQ color 198.8570, 16.4600, -0.9480.



This preview shows how white text looks on a background with the YIQ color 198.8570, 16.4600, -0.9480.

-0.9480.

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

198.8570, 16.4600, -0.9480

Protanopia

198.3400, 10.5460, -3.9020

Deuteranopia

199.6130, 23.1990, 3.5750



Tritanopia

200.7830, 11.2770, 10.3890

Trichromacy



Original Color

198.8570, 16.4600, -0.9480

Protanomaly

198.6500, 12.6090, -2.7430

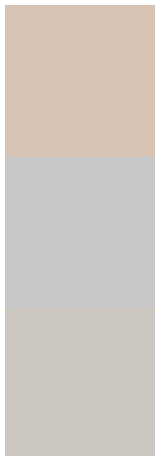
Deuteranomaly

199.0040, 20.5400, 2.2040

Tritanomaly

199.9310, 13.6160, 6.5440

Monochromacy



Original Color

198.8570, 16.4600, -0.9480

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8570, 16.4600, -0.9480 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(214, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 179)  
}
```

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(214, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 179) }
```

Border

The CSS property to change the border of an element to YIQ 198.8570, 16.4600, -0.9480 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(214, 195, 179) }
```


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

```
.border{ border-color:rgb(214, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8570, 16.4600, -0.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 179) }
```

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

```
.background{ background-color: rgb(214,  
195, 179) }
```

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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