

Converting Colors

YIQ(198.5400, 16.2750, 7.9150)

Have a look what the booklet for
YIQ(198.5400, 16.2750, 7.9150)
contains.

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Color

**YIQ(198.5400, 16.2750,
7.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBDC2
RGB	219, 189, 194
RGB Percent	86%, 74%, 76%
CMY	0.1411, 0.2589, 0.2391
CMYK	0.00, 0.14, 0.11, 0.14
HSL	350°, 29%, 80%
HSV	350°, 14%, 86%
XYZ	57.1534, 55.3485, 58.7191
YIQ	198.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

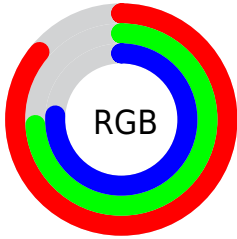
Format	Color
R _Y B	219, 189, 194
Decimal	14400962
CIE Lab	79.24, 11.50, 1.42
CIE LCh	79, 11.587, 7.021
Yxy	55.3485, 0.3338, 0.3233
Android (android.graphics.Color)	4292591042 (0xFFDBBDC2)
YUV	198.5400, -2.2382, 17.9434
Hunter-Lab	74.3966, 6.9342, 5.2817

Details

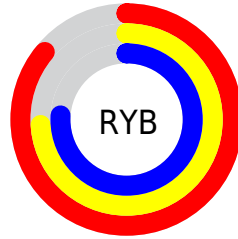
The YIQ color $198.5400, 16.2750, 7.9150$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $209.4600, -16.2750, -7.9150$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5600, 4.3550, 3.6750$, and $144.8280, 15.4040, 7.1800$ is the 20% darker color. If you saturate the color by 10%, you get $183.5740, 28.1030, 13.8230$, and if you desaturate by 10%, it is $213.5060, 4.4470, 2.0070$.

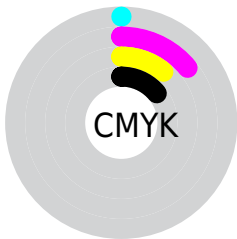
Distribution



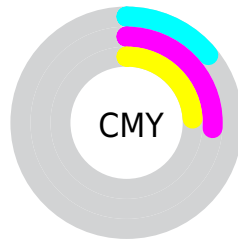
- Red (86%)
- Green (74%)
- Blue (76%)



- Red (86%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (14%)




- Cyan (14%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.5400, 16.2750, 7.9150 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 198.5400, 16.2750, 7.9150 by changing the saturation by 10% instead.


 198.5400, 16.2750,
7.9150


 198.5400, 16.2750,
7.9150


255.0000, -0.0000,
-0.0000


 171.2410, 15.6790,
7.7030


 248.5600, 4.3550,
3.6750

 144.8280, 15.4040,
7.1800

 118.6430, 14.4870,
7.2790

 94.2300, 14.2120,
6.7560

 70.6320, 13.0200,
6.3320

 47.4470, 12.1030,
6.4310

 26.7350, 11.2320,

5.6960

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 198.5400, 16.2750,
7.9150

■ 198.5400, 16.2750,
7.9150

■ 183.5740, 28.1030,
13.8230

■ 213.5060, 4.4470,
2.0070

■ 168.6080, 39.9310,
19.7310

■ 228.4720, -7.3810,
-3.9010

■ 153.5280, 52.0800,
25.3280

■ 243.5520,
-19.5300, -9.4980

■ 138.5620, 63.9080,
31.2360

■ 244.2360,
-21.4560, -7.6320

■ 123.5960, 75.7360,
37.1440

■ 109.2170, 87.2890,
42.5290

■ 94.1370, 99.4380,
48.1260

■ 79.1710, 111.2660,
54.0340

■ 69.6990, 118.6470,
57.9350

Harmonies

Analogous

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



198.5870, 8.8930, 9.5410



198.5400, 16.2750, 7.9150



197.9870, 19.2100, 4.2820

Triad

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



198.5400, 16.2750, 7.9150



194.6160, 0.7810, -8.6510



194.6480, -19.4400, -0.1120

Complementary

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



198.5400, 16.2750, 7.9150



209.4600, -16.2750, -7.9150

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.



193.2300, -21.3190, -4.6070



198.5400, 16.2750, 7.9150



193.5270, -9.2140, -9.2300

Square

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



198.5400, 16.2750, 7.9150



195.6990, 10.9130, -5.0470



192.8620, -17.4670, -8.3390



196.0020, -11.5090, 4.8350

Rectangle

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



198.5400, 16.2750, 7.9150



197.6940, 18.4770, 1.0450



192.8620, -17.4670, -8.3390



194.1100, -20.8610, -1.8930

Sweetspot

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



198.5400, 16.2750, 7.9150



248.2180, 5.3180, 2.7420



199.8950, 5.2700, 14.6300



123.2070, 3.8510, 1.7950



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.



198.5400, 16.2750, 7.9150



227.0570, 22.1890, 10.8690



203.8400, 15.1300, 1.1300



102.5170, 5.9140, 2.9540



55.0330, 93.7990, 45.6950



14.6660, 24.8480, 12.2400

Inverse Universe

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



198.5400, 16.2750, 7.9150



227.0570, 22.1890, 10.8690



204.7470, -15.4050, -1.6530



102.5170, 5.9140, 2.9540



55.0330, 93.7990, 45.6950



14.6660, 24.8480, 12.2400

Previews

White Background



This preview shows how the YIQ color 198.5400, 16.2750, 7.9150 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 198.5400, 16.2750, 7.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

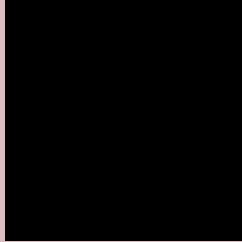
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.5400, 16.2750, 7.9150

Background



This preview shows how black text looks on a background with the YIQ color 198.5400, 16.2750, 7.9150.



This preview shows how white text looks on a background with the YIQ color 198.5400, 16.2750,

7.9150.

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

198.5400, 16.2750, 7.9150

Protanopia

196.5380, 1.4210, 1.7810

Deuteranopia

198.2300, 14.2120, 6.7560



Tritanopia

199.1640, 14.5780, 11.1380

Trichromacy



Original Color

198.5400, 16.2750, 7.9150

Protanomaly

197.3430, 6.4640, 4.0000

Deuteranomaly

198.5290, 14.8080, 6.9680

Tritanomaly

198.8220, 15.5410, 10.2050

Monochromacy



Original Color

198.5400, 16.2750, 7.9150

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.5170, 5.9140, 2.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5400, 16.2750, 7.9150 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(219, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 194)  
}
```

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(219, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 194) }
```

Border

The CSS property to change the border of an element to YIQ 198.5400, 16.2750, 7.9150 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(219, 189, 194) }
```


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

```
.border{ border-color:rgb(219, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5400, 16.2750, 7.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 194) }
```

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

```
.background{ background-color: rgb(219,  
189, 194) }
```

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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