

Converting Colors

YIQ(198.6050, 17.6500, 10.5300)

Have a look what the booklet for
YIQ(198.6050, 17.6500, 10.5300)
contains.

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Color

**YIQ(198.6050, 17.6500,
10.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBBC5
RGB	222, 187, 197
RGB Percent	87%, 73%, 77%
CMY	0.1293, 0.2667, 0.2274
CMYK	0.00, 0.16, 0.11, 0.13
HSL	343°, 35%, 80%
HSV	343°, 16%, 87%
XYZ	57.9783, 55.0996, 60.4124
YIQ	198.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

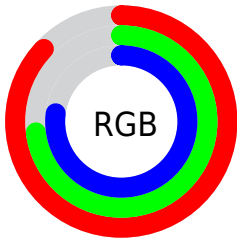
Format	Color
R_{YB}	222, 187, 197
Decimal	14597061
CIE Lab	79.10, 14.14, -0.38
CIE LCh	79, 14.143, 358.460
Yxy	55.0996, 0.3342, 0.3176
Android (android.graphics.Color)	4292787141 (0xFFDEBBC5)
YUV	198.6050, -0.7913, 20.5174
Hunter-Lab	74.2291, 9.5205, 3.7064

Details

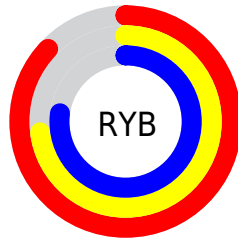
The YIQ color **198.6050, 17.6500, 10.5300** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210.3950, -17.6500, -10.5300**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8420, 3.6210, 5.9650**, and **144.8930, 16.7790, 9.7950** is the 20% darker color. If you saturate the color by 10%, you get **183.8670, 28.8360, 17.0600**, and if you desaturate by 10%, it is **213.3430, 6.4640, 4.0000**.

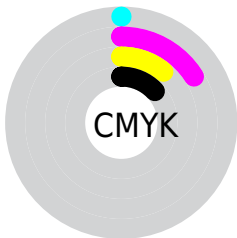
Distribution



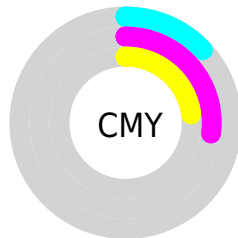
- Red (87%)
- Green (73%)
- Blue (77%)



- Red (87%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.6050, 17.6500, 10.5300 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 198.6050, 17.6500, 10.5300 by changing the saturation by 10% instead.


 198.6050, 17.6500,
10.5300


 198.6050, 17.6500,
10.5300


255.0000, -0.0000,
-0.0000


 171.3060, 17.0540,
10.3180


 247.8420, 3.6210,
5.9650

 144.8930, 16.7790,
9.7950

 118.7080, 15.8620,
9.8940

 93.9960, 14.9910,
9.1590

 70.3980, 13.7990,
8.7350

 47.6860, 12.9280,
8.0000

 26.5010, 12.0110,

8.0990

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 198.6050, 17.6500,
10.5300

■ 198.6050, 17.6500,
10.5300

■ 183.8670, 28.8360,
17.0600

■ 213.3430, 6.4640,
4.0000

■ 169.1290, 40.0220,
23.5900

■ 228.0810, -4.7220,
-2.5300

■ 153.8040, 51.4830,
30.6430

■ 243.4060,
-16.1830, -9.5830

■ 139.1800, 62.3480,
37.4840

■ 245.1330,
-19.6680, -6.9960

■ 124.4420, 73.5340,
44.0140

■ 109.7040, 84.7200,
50.5440

■ 94.9660, 95.9060,
57.0740

■ 79.6410, 107.3670,
64.1270

■ 73.6740, 111.7680,
66.9680

Harmonies

Analogous

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



198.5700, 7.5630, 11.6190



198.6050, 17.6500, 10.5300



198.3080, 22.7400, 6.3880

Triad

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



198.6050, 17.6500, 10.5300



194.2420, 4.7700, -9.3580



193.0710, -25.1250, -1.7090

Complementary

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



198.6050, 17.6500, 10.5300



210.3950, -17.6500, -10.5300

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.



191.3110, -26.0410, -7.1370



198.6050, 17.6500, 10.5300



192.5440, -7.8840, -11.3080

Square

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



198.6050, 17.6500, 10.5300



195.7380, 15.1770, -5.2310



191.6120, -19.7590, -10.8550



195.0660, -17.5610, 4.3830

Rectangle

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



198.6050, 17.6500, 10.5300



197.2000, 22.9240, 3.0520



191.6120, -19.7590, -10.8550



192.4190, -26.2250, -3.8010

Sweetspot

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



198.6050, 17.6500, 10.5300



246.3430, 6.4640, 4.0000



198.4650, 3.6650, 16.1850



122.6200, 4.1260, 2.3180



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.



198.6050, 17.6500, 10.5300



222.8340, 24.4350, 14.2190



201.5740, 18.9350, 3.7590



104.6310, 5.5930, 3.2650



58.3240, 88.8460, 52.8620



15.9480, 24.1140, 14.5300

Inverse Universe

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



198.6050, 17.6500, 10.5300



222.8340, 24.4350, 14.2190



207.4260, -18.9350, -3.7590



104.6310, 5.5930, 3.2650



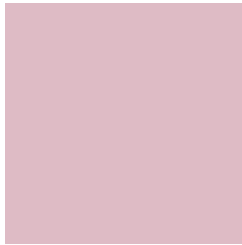
58.3240, 88.8460, 52.8620



15.9480, 24.1140, 14.5300

Previews

White Background



This preview shows how the YIQ color 198.6050, 17.6500, 10.5300 looks on a white background.

Color Contrast Check

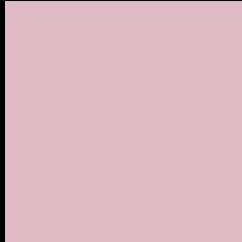
Large Text (above 18pt) WCAG AA × Fail

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 198.6050, 17.6500, 10.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

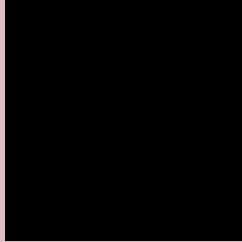
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.6050, 17.6500, 10.5300

Background



This preview shows how black text looks on a background with the YIQ color 198.6050, 17.6500, 10.5300.



This preview shows how white text looks on a background with the YIQ color 198.6050, 17.6500,

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

198.6050, 17.6500, 10.5300

Protanopia

196.6950, -0.4590, 2.8130

Deuteranopia

198.1590, 12.9740, 7.1660



Tritanopia

198.7730, 17.2370, 12.5090

Trichromacy



Original Color

198.6050, 17.6500, 10.5300

Protanomaly

197.3970, 6.3720, 5.6680

Deuteranomaly

198.4690, 15.0370, 8.3250

Tritanomaly

198.6590, 17.5580, 12.1980

Monochromacy



Original Color

198.6050, 17.6500, 10.5300

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6050, 17.6500, 10.5300 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(222, 187, 197)` looks like.

```
.text, #text, p{  
    color:rgb(222, 187, 197)  
}
```

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(222, 187, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 187, 197) }
```

Border

The CSS property to change the border of an element to YIQ 198.6050, 17.6500, 10.5300 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(222, 187, 197) }
```


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

```
.border{ border-color:rgb(222, 187, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 187, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 187, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 187, 197); box-shadow:4px 4px 4px 4px rgb(222, 187, 197) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6050, 17.6500, 10.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 187, 197) }
```

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

```
.background{ background-color: rgb(222,  
187, 197) }
```

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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