

Converting Colors

YIQ(191.6050, 17.6500, 10.5300)

Have a look what the booklet for
YIQ(191.6050, 17.6500, 10.5300)
contains.

YIQ(191.6050, 17.6500, 10.5300)	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(191.6050, 17.6500,
10.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B4BE
RGB	215, 180, 190
RGB Percent	84%, 71%, 75%
CMY	0.1568, 0.2942, 0.2548
CMYK	0.00, 0.16, 0.12, 0.16
HSL	343°, 30%, 77%
HSV	343°, 16%, 84%
XYZ	53.6453, 50.8055, 55.7033
YIQ	191.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

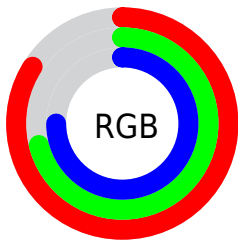
Format	Color
R _Y B	215, 180, 190
Decimal	14136510
CIE Lab	76.56, 14.24, -0.37
CIE LCh	77, 14.242, 358.515
Yxy	50.8055, 0.3350, 0.3172
Android (android.graphics.Color)	4292326590 (0xFFD7B4BE)
YUV	191.6050, -0.7913, 20.5174
Hunter-Lab	71.2780, 9.6064, 3.5598

Details

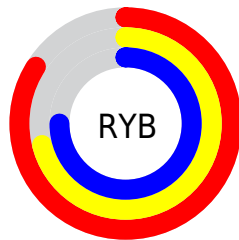
The YIQ color **191.6050, 17.6500, 10.5300** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **203.3950, -17.6500, -10.5300**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8210, 8.1140, 7.1380**, and **138.0070, 16.4580, 10.1060** is the 20% darker color. If you saturate the color by 10%, you get **176.9810, 28.5150, 17.3710**, and if you desaturate by 10%, it is **205.6420, 7.0600, 4.2120**.

Distribution



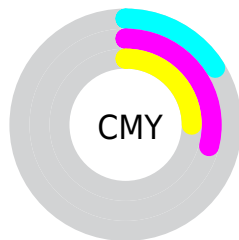
- Red (84%)
- Green (71%)
- Blue (75%)



- Red (84%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.6050, 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 191.6050, 17.6500, 10.5300 by changing the saturation by 10% instead.

 191.6050, 17.6500,
10.5300


 191.6050, 17.6500,
10.5300


255.0000, -0.0000,
-0.0000


 164.3060, 17.0540,
10.3180


 242.8210, 8.1140,
7.1380

 138.0070, 16.4580,
10.1060

 112.5940, 16.1830,
9.5830

 87.9960, 14.9910,
9.1590

 64.3980, 13.7990,
8.7350

 42.0990, 13.2030,
8.5230

 20.5010, 12.0110,

8.0990

■ 0.0000, 0.0000,
0.0000

■ 191.6050, 17.6500,
10.5300

■ 191.6050, 17.6500,
10.5300

■ 176.9810, 28.5150,
17.3710

■ 205.6420, 7.0600,
4.2120

■ 162.8300, 39.4260,
23.3780

■ 220.3800, -4.1260,
-2.3180

■ 148.2060, 50.2910,
30.2190

■ 234.4170,
-14.7160, -8.6360

■ 134.1690, 60.8810,
36.5370

■ 242.5840,
-22.5560, -9.7240

■ 119.4310, 72.0670,
43.0670

■ 243.0400,
-23.8400, -8.4800

■ 105.3940, 82.6570,
49.3850

■ 90.7700, 93.5220,
56.2260

■ 76.6190, 104.4330,
62.2330

■ 71.3530, 108.2380,
64.8620

Harmonies

Analogous

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



191.5700, 7.5630, 11.6190



191.6050, 17.6500, 10.5300



191.3080, 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.



191.6050, 17.6500, 10.5300



187.2420, 4.7700, -9.3580



186.0710, -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.



191.6050, 17.6500, 10.5300



203.3950, -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.



184.3110, -26.0410, -7.1370



191.6050, 17.6500, 10.5300



185.5440, -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.



191.6050, 17.6500, 10.5300



188.7380, 15.1770, -5.2310



184.6120, -19.7590, -10.8550



188.0660, -17.5610, 4.3830

Rectangle

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



191.6050, 17.6500, 10.5300



190.2000, 22.9240, 3.0520



184.6120, -19.7590, -10.8550



185.4190, -26.2250, -3.8010

Sweetspot

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



191.6050, 17.6500, 10.5300



246.3430, 6.4640, 4.0000



191.4650, 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.



191.6050, 17.6500, 10.5300



220.9590, 25.5810, 15.4770



194.5740, 18.9350, 3.7590



99.6310, 5.5930, 3.2650



56.7150, 86.1870, 51.4910



14.2250, 21.7760, 12.8480

Inverse Universe

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



191.6050, 17.6500, 10.5300



220.9590, 25.5810, 15.4770



200.4260, -18.9350, -3.7590



99.6310, 5.5930, 3.2650



56.7150, 86.1870, 51.4910



14.2250, 21.7760, 12.8480

Previews

White Background



This preview shows how the YIQ color 191.6050, 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 191.6050, 17.6500, 10.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

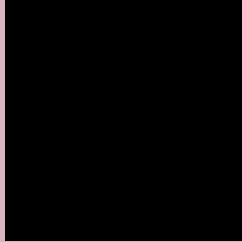
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.6050, 17.6500, 10.5300

Background



This preview shows how black text looks on a background with the YIQ color 191.6050, 17.6500, 10.5300.



This preview shows how white text looks on a background with the YIQ color 191.6050, 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

191.6050, 17.6500, 10.5300

Protanopia

189.6950, -0.4590, 2.8130

Deuteranopia

190.8600, 12.3780, 6.9540



Tritanopia

191.3600, 16.9620, 11.9860

Trichromacy



Original Color

191.6050, 17.6500, 10.5300

Protanomaly

190.3970, 6.3720, 5.6680

Deuteranomaly

191.1700, 14.4410, 8.1130

Tritanomaly

191.2460, 17.2830, 11.6750

Monochromacy



Original Color

191.6050, 17.6500, 10.5300

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.6050, 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(215, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 190)  
}
```

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(215, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 190) }
```

Border

The CSS property to change the border of an element to YIQ 191.6050, 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(215, 180, 190) }
```


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

```
.border{ border-color:rgb(215, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(215, 180,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 191.6050, 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(215, 180, 190) }
```

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

```
.background{ background-color: rgb(215,  
180, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor