

# Converting Colors

YIQ(200.1460, 5.8210, 10.1490)

Have a look what the booklet for  
YIQ(200.1460, 5.8210, 10.1490)  
contains.

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# Color

**YIQ(200.1460, 5.8210,  
10.1490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4C0D3
RGB	212, 192, 211
RGB Percent	83%, 75%, 83%
CMY	0.1686, 0.2471, 0.1725
CMYK	0.00, 0.09, 0.00, 0.17
HSL	303°, 19%, 79%
HSV	303°, 9%, 83%
XYZ	57.7617, 56.3982, 69.4710
YIQ	200.1460, 5.8210, 10.1490

# Conversions

## Conversions Part 2

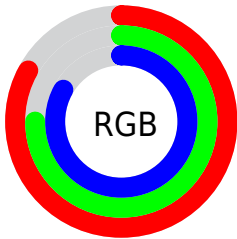
Format	Color
R <sub>Y</sub> B	212, 192, 211
Decimal	13942995
CIE Lab	79.84, 10.41, -6.94
CIE LCh	80, 12.513, 326.331
Yxy	56.3982, 0.3146, 0.3071
Android (android.graphics.Color)	4292133075 (0xFFD4C0D3)
YUV	200.1460, 5.3510, 10.3960
Hunter-Lab	75.0987, 5.8694, -2.2778

# Details

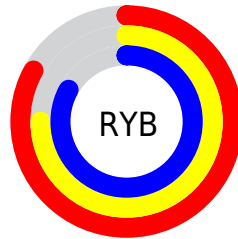
The YIQ color  $200.1460, 5.8210, 10.1490$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $203.8540, -5.8210, -10.1490$ , and the grayscale version is  $200.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $250.8910, 1.9250, 3.6610$ , and  $146.4340, 4.9500, 9.4140$  is the 20% darker color. If you saturate the color by 10%, you get  $187.7050, 11.9170, 20.8210$ , and if you desaturate by 10%, it is  $212.5870, -0.2750, -0.5230$ .

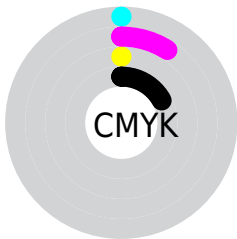
# Distribution



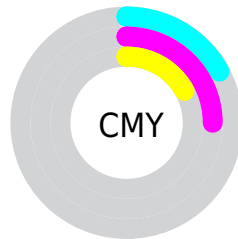
- Red (83%)
- Green (75%)
- Blue (83%)



- Red (83%)
- Yellow (75%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 200.1460, 5.8210, 10.1490 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 200.1460, 5.8210, 10.1490 by changing the saturation by 10% instead.



■ 200.1460, 5.8210,  
10.1490

■ 200.1460, 5.8210,  
10.1490

■ 255.0000, -0.0000,  
-0.0000

■ 172.7330, 5.5460,  
9.6260

■ 250.8910, 1.9250,  
3.6610

■ 146.4340, 4.9500,  
9.4140

■ 120.3200, 5.2710,  
9.1030

■ 95.9070, 4.9960,  
8.5800

■ 71.9070, 4.9960,  
8.5800

■ 49.4940, 4.7210,  
8.0570

■ 28.1950, 4.1250,

7.8450

■ 6.6080, 4.4000,  
8.3680

■ 0.0000, 0.0000,  
0.0000

■ 200.1460, 5.8210,  
10.1490

■ 200.1460, 5.8210,  
10.1490

■ 187.7050, 11.9170,  
20.8210

■ 212.5870, -0.2750,  
-0.5230

■ 175.2640, 18.0130,  
31.4930

■ 225.0280, -6.3710,  
-11.1950

■ 162.2360, 24.3840,  
42.6880

■ 237.4690,  
-12.4670, -21.8670

■ 149.7950, 30.4800,  
53.3600

■ 237.5830,  
-12.7880, -21.5560

137.3540, 36.5760,  
64.0320

237.6970,  
-13.1090, -21.2450

124.9130, 42.6720,  
74.7040

237.8110,  
-13.4300, -20.9340

112.3580, 49.0890,  
85.0650

238.0390,  
-14.0720, -20.3120

99.3300, 55.4600,  
96.2600

238.1530,  
-14.3930, -20.0010

86.8890, 61.5560,  
106.9320

238.2670,  
-14.7140, -19.6900

# Harmonies

## Analogous

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



198.9320, -5.3200, 8.3120



200.1460, 5.8210, 10.1490



200.4090, 15.2660, 9.6820

# Triad

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



200.1460, 5.8210, 10.1490



198.0800, 14.2140, -4.2980



194.5780, -22.4190, -6.6990

# Complementary

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



200.1460, 5.8210, 10.1490



203.8540, -5.8210, -10.1490

# 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.



194.4060, -16.1830, -9.5830



200.1460, 5.8210, 10.1490



196.1820, 4.9990, -8.0010

# Square

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



200.1460, 5.8210, 10.1490



199.1780, 19.9900, 1.1580



194.9680, -6.1420, -9.8380



195.6260, -22.3740, -2.0060



# Rectangle

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



200.1460, 5.8210, 10.1490



200.0950, 19.0260, 7.6180



194.9680, -6.1420, -9.8380



194.1220, -21.1350, -7.9430

# Sweetspot

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



200.1460, 5.8210, 10.1490



250.3040, 2.2000, 4.1840



194.5790, -5.8240, 6.4320



124.3640, 1.9710, 2.8270



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.



200.1460, 5.8210, 10.1490



238.4500, 8.0210, 14.3330



199.0060, 9.0310, 7.0390



100.5430, 3.0250, 5.7530



69.5970, 49.9140, 86.6340



17.5310, 12.4670, 21.8670



# Inverse Universe

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



200.1460, 5.8210, 10.1490



238.4500, 8.0210, 14.3330



204.9940, -9.0310, -7.0390



100.5430, 3.0250, 5.7530



69.5970, 49.9140, 86.6340



17.5310, 12.4670, 21.8670



# Previews

## White Background



This preview shows how the YIQ color 200.1460, 5.8210, 10.1490 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

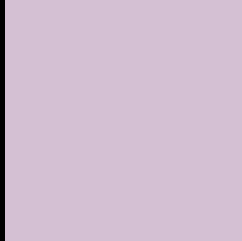
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 200.1460, 5.8210, 10.1490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

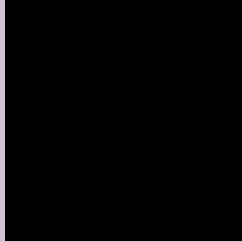
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 200.1460, 5.8210, 10.1490

## Background



This preview shows how black text looks on a background with the YIQ color 200.1460, 5.8210, 10.1490.



This preview shows how white text looks on a background with the YIQ color 200.1460, 5.8210,



# 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

200.1460, 5.8210, 10.1490

### Protanopia

198.9380, -5.4570, 5.2870

### Deuteranopia

199.8470, 5.2250, 9.9370



## Tritanopia

200.3910, 6.5090, 8.6930

# Trichromacy



## Original Color

200.1460, 5.8210, 10.1490

## Protanomaly

199.1450, -1.6060, 7.0820

## Deuteranomaly

199.8470, 5.2250, 9.9370

## Tritanomaly

200.5050, 6.1880, 9.0040

# Monochromacy



## Original Color

200.1460, 5.8210, 10.1490

## Achromatopsia

200.0000, -0.0000, -0.0000

## Achromatomaly

199.8910, 1.9250, 3.6610

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 200.1460, 5.8210, 10.1490 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(212, 192, 211)` looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 211)  
}
```

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(212, 192, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 211) }
```

## Border

The CSS property to change the border of an element to YIQ 200.1460, 5.8210, 10.1490 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(212, 192, 211) }
```



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

```
.border{ border-color:rgb(212, 192, 211) }
```

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

Here you see how a box with a 4 pixel rgb(212, 192, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 211);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
211) }
```

# Background

The CSS property to change the background color of an element to YIQ 200.1460, 5.8210, 10.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 211) }
```

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

```
.background{ background-color: rgb(212,  
192, 211) }
```

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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