

# Converting Colors

YIQ(203.6800, 13.0650, 11.0250)

Have a look what the booklet for  
YIQ(203.6800, 13.0650, 11.0250)  
contains.

<b>YIQ(203.6800, 13.0650, 11.0250)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(203.6800, 13.0650,  
11.0250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFC1D0
RGB	223, 193, 208
RGB Percent	87%, 76%, 82%
CMY	0.1254, 0.2432, 0.1843
CMYK	0.00, 0.13, 0.07, 0.13
HSL	330°, 32%, 82%
HSV	330°, 13%, 87%
XYZ	60.8914, 58.3802, 67.7403
YIQ	203.6800, 13.0650, 11.0250

# Conversions

## Conversions Part 2

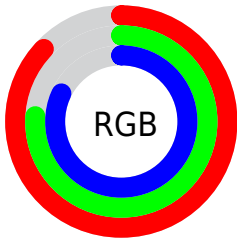
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 193, 208
Decimal	14664144
CIE Lab	80.95, 13.14, -3.58
CIE LCh	81, 13.624, 344.759
Yxy	58.3802, 0.3256, 0.3122
Android (android.graphics.Color)	4292854224 (0xFFDFC1D0)
YUV	203.6800, 2.1298, 16.9436
Hunter-Lab	76.4069, 8.5408, 0.9199

# Details

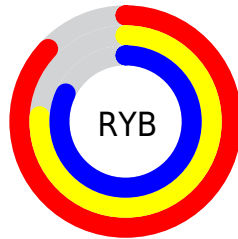
The YIQ color  $203.6800, 13.0650, 11.0250$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $212.3200, -13.0650, -11.0250$ , and the grayscale version is  $204.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $252.0650, 1.3750, 2.6150$ , and  $149.3810, 12.4690, 10.8130$  is the 20% darker color. If you saturate the color by 10%, you get  $189.5120, 22.6460, 19.1100$ , and if you desaturate by 10%, it is  $217.8480, 3.4840, 2.9400$ .

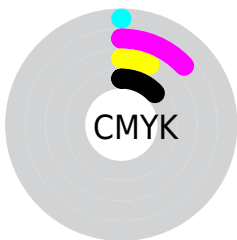
# Distribution



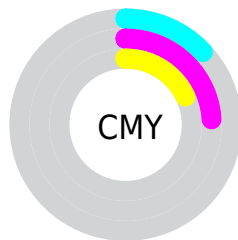
- Red (87%)
- Green (76%)
- Blue (82%)



- Red (87%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (13%)




- Cyan (13%)
- Magenta (24%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 203.6800, 13.0650, 11.0250 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 203.6800, 13.0650, 11.0250 by changing the saturation by 10% instead.




 203.6800, 13.0650,  
11.0250


 203.6800, 13.0650,  
11.0250


255.0000, -0.0000,  
-0.0000


 176.2670, 12.7900,  
10.5020


 251.4780, 1.6500,  
3.1380

 149.3810, 12.4690,  
10.8130

 123.6690, 11.5980,  
10.0780

 98.3700, 11.0020,  
9.8660

 74.9570, 10.7270,  
9.3430

 51.6580, 10.1310,  
9.1310

 30.5330, 8.9850,

7.8730

■ 9.2560, 11.3230,  
9.5550

■ 0.0000, 0.0000,  
0.0000

■ 203.6800, 13.0650,  
11.0250

■ 203.6800, 13.0650,  
11.0250

■ 189.5120, 22.6460,  
19.1100

■ 217.8480, 3.4840,  
2.9400

■ 174.7570, 32.5020,  
27.7180

■ 232.6030, -6.3720,  
-5.6680

■ 160.5890, 42.0830,  
35.8030

■ 243.8360,  
-14.5780, -11.1380

■ 146.3070, 51.9850,  
43.5770

■ 245.2040,  
-18.4300, -7.4060

■ 131.5520, 61.8410,  
52.1850

■ 245.4320,  
-19.0720, -6.7840

■ 117.3840, 71.4220,  
60.2700

■ 103.2160, 81.0030,  
68.3550

■ 89.0480, 90.5840,  
76.4400

■ 79.4450, 96.9560,  
82.1080

# Harmonies

## Analogous

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



203.1070, 1.5570, 10.3330



203.6800, 13.0650, 11.0250



203.1060, 20.4930, 8.5650

# Triad

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



203.6800, 13.0650, 11.0250



199.9330, 10.1340, -7.4500



197.1910, -25.5830, -4.4230

# Complementary

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



203.6800, 13.0650, 11.0250



212.3200, -13.0650, -11.0250

# 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.



196.8120, -23.1980, -9.1020



203.6800, 13.0650, 11.0250



198.5940, -2.1530, -10.5450

# Square

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



203.6800, 13.0650, 11.0250



201.5860, 18.6610, -2.2910



197.1350, -13.9820, -10.9260



199.2180, -21.0450, 1.4430



# Rectangle

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



203.6800, 13.0650, 11.0250



202.7810, 22.7860, 5.5540



197.1350, -13.9820, -10.9260



197.1370, -25.4910, -6.0910

# Sweetspot

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



203.6800, 13.0650, 11.0250



248.5600, 4.3550, 3.6750



200.9050, -0.6900, 12.5100



123.4350, 3.2090, 2.4170



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.



203.6800, 13.0650, 11.0250



228.6530, 17.6950, 15.2230



201.9700, 17.8800, 6.3600



104.9730, 4.6300, 4.1980



62.6560, 76.6480, 64.6800



17.0880, 20.9040, 17.6400



# Inverse Universe

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



203.6800, 13.0650, 11.0250



228.6530, 17.6950, 15.2230



214.0300, -17.8800, -6.3600



104.9730, 4.6300, 4.1980



62.6560, 76.6480, 64.6800

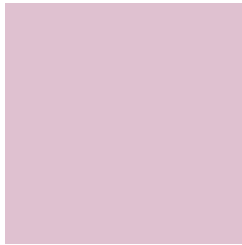


17.0880, 20.9040, 17.6400



# Previews

## White Background



This preview shows how the YIQ color 203.6800, 13.0650, 11.0250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

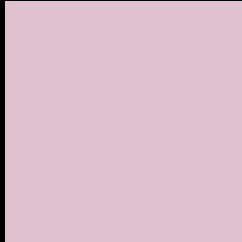
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 203.6800, 13.0650, 11.0250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

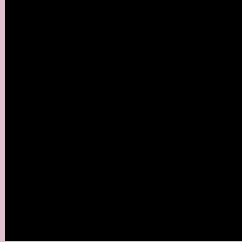
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 203.6800, 13.0650, 11.0250

## Background



This preview shows how black text looks on a background with the YIQ color 203.6800, 13.0650, 11.0250.



This preview shows how white text looks on a background with the YIQ color 203.6800, 13.0650,



# 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

203.6800, 13.0650, 11.0250

### Protanopia

201.9660, -2.6600, 4.1560

### Deuteranopia

203.3590, 9.5350, 8.9190



## Tritanopia

203.6800, 13.0650, 11.0250

# Trichromacy



## Original Color

203.6800, 13.0650, 11.0250

## Protanomaly

202.4830, 3.2540, 7.1100

## Deuteranomaly

203.3700, 11.0020, 9.8660

## Tritanomaly

203.6800, 13.0650, 11.0250

# Monochromacy



## Original Color

203.6800, 13.0650, 11.0250

## Achromatopsia

204.0000, -0.0000, -0.0000

## Achromatomaly

203.8590, 4.9510, 3.8870

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 203.6800, 13.0650, 11.0250 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(223, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(223, 193, 208)  
}
```

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(223, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 193, 208) }
```

## Border

The CSS property to change the border of an element to YIQ 203.6800, 13.0650, 11.0250 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(223, 193, 208) }
```



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

```
.border{ border-color:rgb(223, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(223, 193,  
208) }
```

# Background

The CSS property to change the background color of an element to YIQ 203.6800, 13.0650, 11.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 193, 208) }
```

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

```
.background{ background-color: rgb(223,  
193, 208) }
```

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