

# Converting Colors

YIQ(179.5130, 20.9050, 12.1130)

Have a look what the booklet for  
YIQ(179.5130, 20.9050, 12.1130)  
contains.

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# Color

**YIQ(179.5130, 20.9050,  
12.1130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFA6B1
RGB	207, 166, 177
RGB Percent	81%, 65%, 69%
CMY	0.1881, 0.3491, 0.3058
CMYK	0.00, 0.20, 0.14, 0.19
HSL	344°, 30%, 73%
HSV	344°, 20%, 81%
XYZ	47.3104, 43.7105, 47.5483
YIQ	179.5130, 20.9050, 12.1130

# Conversions

## Conversions Part 2

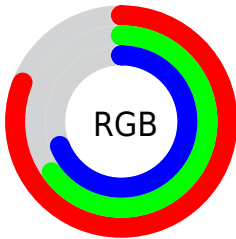
Format	Color
R <sub>Y</sub> B	207, 166, 177
Decimal	13608625
CIE Lab	72.03, 16.80, 0.05
CIE LCh	72, 16.797, 0.163
Yxy	43.7105, 0.3414, 0.3154
Android (android.graphics.Color)	4291798705 (0xFFCFA6B1)
YUV	179.5130, -1.2389, 24.1061
Hunter-Lab	66.1139, 12.0332, 3.6391

# Details

The YIQ color **179.5130, 20.9050, 12.1130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.4870, -20.9050, -12.1130**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.5340, 16.4120, 10.9400**, and **126.6160, 19.1170, 11.4770** is the 20% darker color. If you saturate the color by 10%, you get **165.4760, 31.4950, 18.4310**, and if you desaturate by 10%, it is **193.5500, 10.3150, 5.7950**.

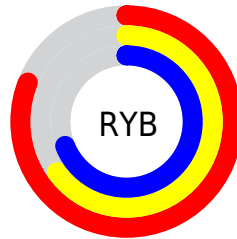
# Distribution



Red (81%)

Green (65%)

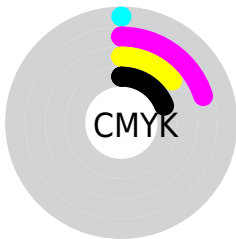
Blue (69%)



Red (81%)

Yellow (65%)

Blue (69%)

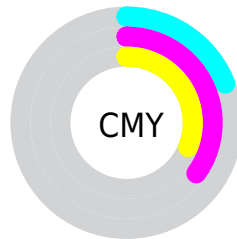


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (19%)



Cyan (19%)

Magenta (35%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 179.5130, 20.9050, 12.1130 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 179.5130, 20.9050, 12.1130 by changing the saturation by 10% instead.





 179.5130, 20.9050,  
12.1130


 179.5130, 20.9050,  
12.1130


255.0000, -0.0000,  
-0.0000


 152.8010, 20.0340,  
11.3780


 232.5340, 16.4120,  
10.9400


 126.6160, 19.1170,  
11.4770

 252.0650, 1.3750,  
2.6150

 101.3170, 18.5210,  
11.2650

 77.3060, 17.0540,  
10.3180

 54.0070, 16.4580,  
10.1060

 32.1100, 14.6700,  
9.4700

 10.7790, 17.1000,

9.4840

0.0000, 0.0000,  
0.0000

179.5130, 20.9050,  
12.1130

179.5130, 20.9050,  
12.1130

165.4760, 31.4950,  
18.4310

193.5500, 10.3150,  
5.7950

152.0260, 41.8100,  
24.2260

207.0000, 0.0000,  
-0.0000

137.9890, 52.4000,  
30.5440

221.0370,  
-10.5900, -6.3180

123.8380, 63.3110,  
36.5510

235.1880,  
-21.5010, -12.3250

109.8010, 73.9010,  
42.8690

240.4200,  
-27.9660, -10.7980

■ 96.3510, 84.2160,  
48.6640

■ 240.6480,  
-28.6080, -10.1760

■ 82.3140, 94.8060,  
54.9820

■ 68.2770, 105.3960,  
61.3000

# Harmonies

## Analogous

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



179.4070, 9.5800, 13.6120



179.5130, 20.9050, 12.1130



178.9880, 26.6370, 7.3490

# Triad

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



179.5130, 20.9050, 12.1130



174.1880, 4.8620, -11.0260



172.7330, -29.9850, -1.7370

# Complementary

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



179.5130, 20.9050, 12.1130



193.4870, -20.9050, -12.1130

# 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.



171.0330, -31.1300, -8.5220



179.5130, 20.9050, 12.1130



172.4080, -10.4970, -13.5130

# Square

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



179.5130, 20.9050, 12.1130



176.4670, 17.3780, -6.5740



171.4050, -23.6100, -12.6500



175.9240, -20.0370, 5.2030



# Rectangle

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



179.5130, 20.9050, 12.1130



178.0540, 26.2710, 2.9670



171.4050, -23.6100, -12.6500



171.7820, -31.6810, -4.0410

# Sweetspot

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



179.5130, 20.9050, 12.1130



244.9410, 7.6560, 4.4240



179.3450, 4.1230, 18.8990



121.9190, 4.7220, 2.5300



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.



179.5130, 20.9050, 12.1130



214.0630, 31.2200, 17.9080



183.5420, 21.9610, 3.9850



97.6310, 5.5930, 3.2650



55.3620, 85.6830, 49.6110



13.5130, 20.9050, 12.1130



# Inverse Universe

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



179.5130, 20.9050, 12.1130



214.0630, 31.2200, 17.9080



189.4580, -21.9610, -3.9850



97.6310, 5.5930, 3.2650



55.3620, 85.6830, 49.6110

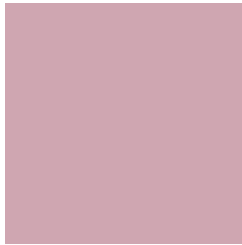


13.5130, 20.9050, 12.1130



# Previews

## White Background



This preview shows how the YIQ color 179.5130, 20.9050, 12.1130 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

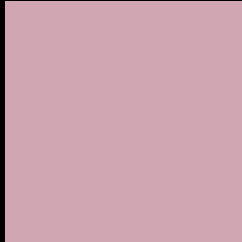
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 179.5130, 20.9050, 12.1130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

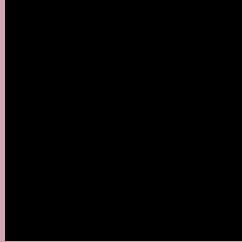
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 179.5130, 20.9050, 12.1130

## Background



This preview shows how black text looks on a background with the YIQ color 179.5130, 20.9050, 12.1130.



This preview shows how white text looks on a background with the YIQ color 179.5130, 20.9050,



# 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

179.5130, 20.9050, 12.1130

### Protanopia

177.3960, -1.0550, 2.6010

### Deuteranopia

178.4470, 12.1030, 6.4310



## Tritanopia

179.7410, 20.2630, 12.7350

# Trichromacy



## Original Color

179.5130, 20.9050, 12.1130

## Protanomaly

178.1090, 7.2430, 6.4030

## Deuteranomaly

178.7680, 15.6330, 8.5370

## Tritanomaly

179.6270, 20.5840, 12.4240

# Monochromacy



## Original Color

179.5130, 20.9050, 12.1130

## Achromatopsia

180.0000, -0.0000, -0.0000

## Achromatomaly

179.9410, 7.6560, 4.4240

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 179.5130, 20.9050, 12.1130 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(207, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 177)  
}
```

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(207, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 177) }
```

## Border

The CSS property to change the border of an element to YIQ 179.5130, 20.9050, 12.1130 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(207, 166, 177) }
```



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

```
.border{ border-color:rgb(207, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
177) }
```

# Background

The CSS property to change the background color of an element to YIQ 179.5130, 20.9050, 12.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 177) }
```

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

```
.background{ background-color: rgb(207,  
166, 177) }
```

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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