

# Converting Colors

YIQ(210.6020, 4.5370, 11.3930)

Have a look what the booklet for  
YIQ(210.6020, 4.5370, 11.3930)  
contains.

<b>YIQ(210.6020, 4.5370, 11.3930)</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(210.6020, 4.5370,  
11.3930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DECAE1
RGB	222, 202, 225
RGB Percent	87%, 79%, 88%
CMY	0.1293, 0.2079, 0.1176
CMYK	0.01, 0.10, 0.00, 0.12
HSL	292°, 28%, 84%
HSV	292°, 10%, 88%
XYZ	64.8382, 63.2055, 80.0167
YIQ	210.6020, 4.5370, 11.3930

# Conversions

## Conversions Part 2

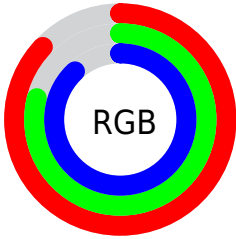
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 202, 225
Decimal	14600929
CIE Lab	83.55, 11.05, -8.84
CIE LCh	84, 14.157, 321.335
Yxy	63.2055, 0.3116, 0.3038
Android (android.graphics.Color)	4292791009 (0xFFDECAE1)
YUV	210.6020, 7.0982, 9.9960
Hunter-Lab	79.5019, 6.4485, -4.0227

# Details

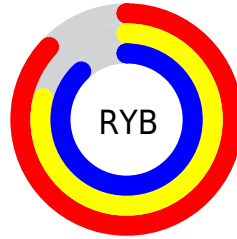
The YIQ color **210.6020, 4.5370, 11.3930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216.3980, -4.5370, -11.3930**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **156.1890, 4.2620, 10.8700** is the 20% darker color. If you saturate the color by 10%, you get **196.2040, 9.0740, 22.7860**, and if you desaturate by 10%, it is **224.4130, 0.2750, 0.5230**.

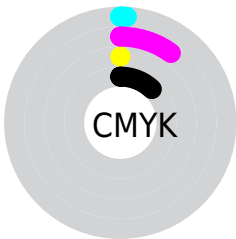
# Distribution



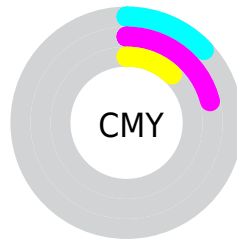
- Red (87%)
- Green (79%)
- Blue (88%)



- Red (87%)
- Yellow (79%)
- Blue (88%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (21%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 210.6020, 4.5370, 11.3930 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 210.6020, 4.5370, 11.3930 by changing the saturation by 10% instead.



■ 210.6020, 4.5370,  
11.3930

■ 210.6020, 4.5370,  
11.3930

255.0000, -0.0000,  
-0.0000

■ 183.1890, 4.2620,  
10.8700

■ 156.1890, 4.2620,  
10.8700

■ 129.7760, 3.9870,  
10.3470

■ 104.7760, 3.9870,  
10.3470

■ 80.3630, 3.7120,  
9.8240

■ 57.8360, 3.7580,  
8.9900

■ 36.1240, 2.8870,

8.2550

■ 13.3740, 5.1790,  
10.7710

■ 0.0000, 0.0000,  
0.0000

■ 210.6020, 4.5370,  
11.3930

■ 210.6020, 4.5370,  
11.3930

■ 196.2040, 9.0740,  
22.7860

■ 224.4130, 0.2750,  
0.5230

■ 182.3930, 13.3360,  
33.6560

■ 238.8110, -4.2620,  
-10.8700

■ 167.9950, 17.8730,  
45.0490

■ 244.4040, -4.6740,  
-14.4180

■ 154.1840, 22.1350,  
55.9190

■ 245.3010, -2.8860,  
-13.7820

139.7860, 26.6720,  
67.3120

246.1980, -1.0980,  
-13.1460

126.2740, 31.5300,  
78.3940

247.0950, 0.6900,  
-12.5100

111.8760, 36.0670,  
89.7870

247.6930, 1.8820,  
-12.0860

98.0650, 40.3290,  
100.6570

248.5900, 3.6700,  
-11.4500

84.2540, 44.5910,  
111.5270

249.4870, 5.4580,  
-10.8140

# Harmonies

## Analogous

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



209.0780, -8.6670, 8.3970



210.6020, 4.5370, 11.3930



211.3490, 15.4950, 11.0390

# Triad

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



210.6020, 4.5370, 11.3930



208.3470, 17.8360, -3.8600



203.8550, -24.7570, -8.3810

# Complementary

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



210.6020, 4.5370, 11.3930



216.3980, -4.5370, -11.3930

# 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.



204.1670, -17.0080, -11.1520



210.6020, 4.5370, 11.3930



206.6230, 8.0710, -8.6090

# Square

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



210.6020, 4.5370, 11.3930



209.6730, 22.9700, 2.2180



205.0990, -5.1330, -11.6050



204.9460, -26.2710, -2.9670



# Rectangle

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



210.6020, 4.5370, 11.3930



210.8180, 21.3640, 9.3000



205.0990, -5.1330, -11.6050



203.6980, -22.8770, -9.4130

# Sweetspot

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



210.6020, 4.5370, 11.3930



250.0050, 1.6040, 3.9720



206.3830, -8.2080, 5.5840



124.1790, 1.0540, 2.9260



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.



210.6020, 4.5370, 11.3930



235.6070, 6.1410, 15.3650



210.5870, 8.8930, 9.5410



105.2440, 2.4290, 5.5410



65.8110, 34.6920, 87.1720



18.0300, 9.6240, 23.8320



# Inverse Universe

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



209.2190, 12.7450, 5.8090



233.7250, 17.1920, 7.8160



216.4130, -8.8930, -9.5410



104.4030, 6.2350, 2.6430



55.2460, 97.5130, 44.4650

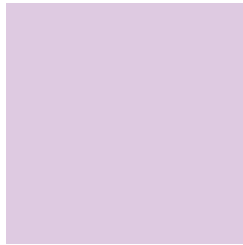


15.0360, 26.6820, 12.0420



# Previews

## White Background



This preview shows how the YIQ color 210.6020, 4.5370, 11.3930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

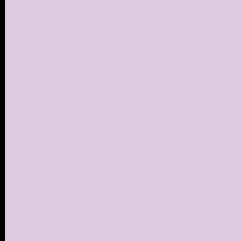
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 210.6020, 4.5370, 11.3930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

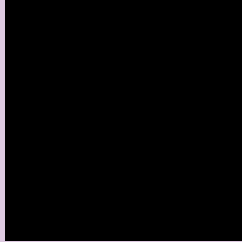
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 210.6020, 4.5370, 11.3930

## Background



This preview shows how black text looks on a background with the YIQ color 210.6020, 4.5370, 11.3930.



This preview shows how white text looks on a background with the YIQ color 210.6020, 4.5370,



# 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

210.6020, 4.5370, 11.3930

### Protanopia

209.0950, -7.3370, 6.3190

### Deuteranopia

210.3030, 3.9410, 11.1810



## Tritanopia

210.2060, 5.5920, 8.7920

# Trichromacy



## Original Color

210.6020, 4.5370, 11.3930

## Protanomaly

209.6010, -2.8900, 8.3260

## Deuteranomaly

210.3030, 3.9410, 11.1810

## Tritanomaly

210.4340, 4.9500, 9.4140

# Monochromacy



## Original Color

210.6020, 4.5370, 11.3930

## Achromatopsia

211.0000, 0.0000, -0.0000

## Achromatomaly

211.0050, 1.6040, 3.9720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 210.6020, 4.5370, 11.3930 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, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 225)  
}
```

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, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 225) }
```

## Border

The CSS property to change the border of an element to YIQ 210.6020, 4.5370, 11.3930 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, 202, 225) }
```



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

```
.border{ border-color:rgb(222, 202, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 202, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 202, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 202,  
225) }
```

# Background

The CSS property to change the background color of an element to YIQ 210.6020, 4.5370, 11.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 225) }
```

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

```
.background{ background-color: rgb(222,  
202, 225) }
```

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