

# Converting Colors

YIQ(175.4520, 13.7070, 10.4030)

Have a look what the booklet for  
YIQ(175.4520, 13.7070, 10.4030)  
contains.

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# Color

**YIQ(175.4520, 13.7070,  
10.4030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A5B2
RGB	195, 165, 178
RGB Percent	76%, 65%, 70%
CMY	0.2352, 0.3530, 0.3019
CMYK	0.00, 0.15, 0.09, 0.24
HSL	334°, 20%, 71%
HSV	334°, 15%, 76%
XYZ	44.0008, 41.7253, 47.8601
YIQ	175.4520, 13.7070, 10.4030

# Conversions

## Conversions Part 2

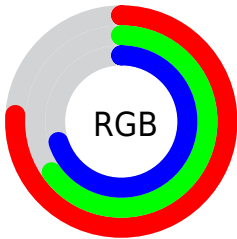
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 165, 178
Decimal	12821938
CIE Lab	70.68, 13.17, -2.62
CIE LCh	71, 13.424, 348.760
Yxy	41.7253, 0.3294, 0.3123
Android (android.graphics.Color)	4291012018 (0xFFC3A5B2)
YUV	175.4520, 1.2562, 17.1436
Hunter-Lab	64.5952, 8.5488, 1.2872

# Details

The YIQ color  $175.4520, 13.7070, 10.4030$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $184.5480, -13.7070, -10.4030$ , and the grayscale version is  $175.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $231.1640, 14.5780, 11.1380$ , and  $122.7400, 12.8360, 9.6680$  is the 20% darker color. If you saturate the color by 10%, you get  $162.4580, 22.7380, 17.4420$ , and if you desaturate by 10%, it is  $187.8590, 4.9510, 3.8870$ .

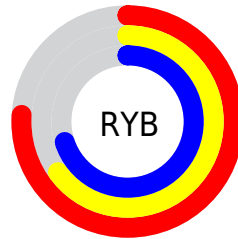
# Distribution



Red (76%)

Green (65%)

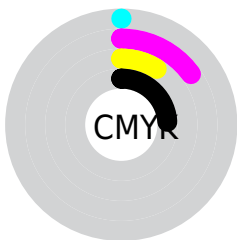
Blue (70%)



Red (76%)

Yellow (65%)

Blue (70%)

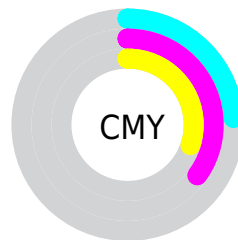


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 175.4520, 13.7070, 10.4030 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 175.4520, 13.7070, 10.4030 by changing the saturation by 10% instead.



■ 175.4520, 13.7070,  
10.4030

■ 175.4520, 13.7070,  
10.4030

■ 255.0000, -0.0000,  
-0.0000

■ 149.0390, 13.4320,  
9.8800

■ 231.1640, 14.5780,  
11.1380

■ 122.7400, 12.8360,  
9.6680

■ 251.4780, 1.6500,  
3.1380

■ 98.0280, 11.9650,  
8.9330

■ 74.1420, 11.6440,  
9.2440

■ 51.4300, 10.7730,  
8.5090

■ 29.8320, 9.5810,  
8.0850

■ 8.8000, 12.6070,

8.3110

0.0000, 0.0000,  
0.0000

175.4520, 13.7070,  
10.4030

175.4520, 13.7070,  
10.4030

162.4580, 22.7380,  
17.4420

187.8590, 4.9510,  
3.8870

150.0510, 31.4940,  
23.9580

200.8530, -4.0800,  
-3.1520

137.0570, 40.5250,  
30.9970

213.2600,  
-12.8360, -9.6680

124.6500, 49.2810,  
37.5130

226.2540,  
-21.8670, -16.7070

111.6560, 58.3120,  
44.5520

234.5520,  
-28.6980, -19.5620

■ 99.2490, 67.0680,  
51.0680

■ 235.8060,  
-32.2290, -16.1410

■ 86.2550, 76.0990,  
58.1070

■ 237.0600,  
-35.7600, -12.7200

■ 73.8480, 84.8550,  
64.6230

■ 67.9950, 88.9350,  
67.7750

# Harmonies

## Analogous

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



174.5910, 3.0700, 10.4460



175.4520, 13.7070, 10.4030



175.2800, 19.9430, 7.5190

# Triad

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



175.4520, 13.7070, 10.4030



172.1500, 8.0250, -7.7750



169.9030, -24.7120, -3.6880

# Complementary

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



175.4520, 13.7070, 10.4030



184.5480, -13.7070, -10.4030

# 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.



168.6380, -22.6480, -8.0560



175.4520, 13.7070, 10.4030



170.2240, -3.9870, -10.3470

# Square

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



175.4520, 13.7070, 10.4030



172.6890, 16.8730, -2.9270



169.0640, -15.2200, -10.5160



171.1150, -19.2570, 2.0790



# Rectangle

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



175.4520, 13.7070, 10.4030



174.6560, 21.6400, 4.2960



169.0640, -15.2200, -10.5160



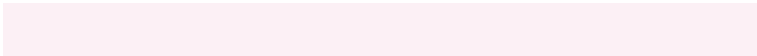
168.9630, -24.9410, -5.0450

# Sweetspot

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



175.4520, 13.7070, 10.4030



244.1580, 5.5470, 4.0990



173.5030, 0.5020, 12.9340



122.7340, 3.8050, 2.6290



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.



175.4520, 13.7070, 10.4030



222.7350, 20.4000, 15.7600



174.5570, 17.6050, 5.8370



90.4460, 4.6760, 3.3640



56.1190, 73.4860, 55.9020



11.4630, 15.1740, 11.3500



# Inverse Universe

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



175.4520, 13.7070, 10.4030



222.7350, 20.4000, 15.7600



185.4430, -17.6050, -5.8370



90.4460, 4.6760, 3.3640



56.1190, 73.4860, 55.9020



11.4630, 15.1740, 11.3500



# Previews

## White Background



This preview shows how the YIQ color 175.4520, 13.7070, 10.4030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

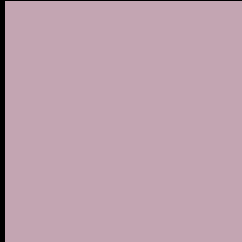
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 175.4520, 13.7070, 10.4030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

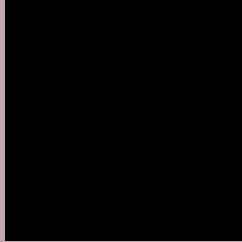
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 175.4520, 13.7070, 10.4030

## Background



This preview shows how black text looks on a background with the YIQ color 175.4520, 13.7070, 10.4030.



This preview shows how white text looks on a background with the YIQ color 175.4520, 13.7070,



# 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

175.4520, 13.7070, 10.4030

### Protanopia

173.4390, -2.6140, 3.3220

### Deuteranopia

175.0060, 9.0310, 7.0390



## Tritanopia

175.4520, 13.7070, 10.4030

# Trichromacy



## Original Color

175.4520, 13.7070, 10.4030

## Protanomaly

173.9560, 3.3000, 6.2760

## Deuteranomaly

175.3160, 11.0940, 8.1980

## Tritanomaly

175.4520, 13.7070, 10.4030

# Monochromacy



## Original Color

175.4520, 13.7070, 10.4030

## Achromatopsia

175.0000, -0.0000, -0.0000

## Achromatomaly

174.8590, 4.9510, 3.8870

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 175.4520, 13.7070, 10.4030 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(195, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(195, 165, 178)  
}
```

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(195, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 165, 178) }
```

## Border

The CSS property to change the border of an element to YIQ 175.4520, 13.7070, 10.4030 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(195, 165, 178) }
```



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

```
.border{ border-color:rgb(195, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 165, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 165, 178); box-shadow:4px 4px 4px 4px rgb(195, 165, 178) }
```

# Background

The CSS property to change the background color of an element to YIQ 175.4520, 13.7070, 10.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 165, 178) }
```

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

```
.background{ background-color: rgb(195,  
165, 178) }
```

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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