

# Converting Colors

YIQ(156.1130, 19.7560, 27.4360)

Have a look what the booklet for  
YIQ(156.1130, 19.7560, 27.4360)  
contains.

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# Color

**YIQ(156.1130, 19.7560,  
27.4360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C085B5
RGB	192, 133, 181
RGB Percent	75%, 52%, 71%
CMY	0.2469, 0.4785, 0.2902
CMYK	0.00, 0.31, 0.06, 0.25
HSL	311°, 32%, 64%
HSV	311°, 31%, 75%
XYZ	38.4749, 31.3171, 47.7387
YIQ	156.1130, 19.7560, 27.4360

# Conversions

## Conversions Part 2

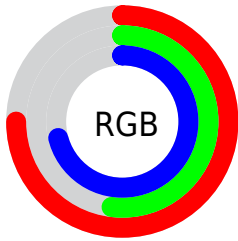
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 133, 181
Decimal	12617141
CIE <sub>Lab</sub>	62.77, 30.33, -16.12
CIE <sub>LCh</sub>	63, 34.344, 332.006
Yxy	31.3171, 0.3274, 0.2665
Android (android.graphics.Color)	4290807221 (0xFFC085B5)
YUV	156.1130, 12.2693, 31.4729
Hunter-Lab	55.9617, 24.7900, -11.4048

# Details

The YIQ color **156.1130, 19.7560, 27.4360** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.8870, -19.7560, -27.4360**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2380, 20.9020, 28.6940**, and **103.9880, 18.6100, 26.1780** is the 20% darker color. If you saturate the color by 10%, you get **144.5040, 26.2650, 36.1290**, and if you desaturate by 10%, it is **167.7220, 13.2470, 18.7430**.

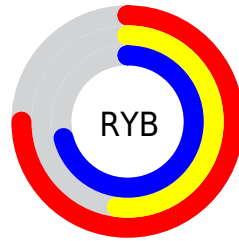
# Distribution



Red (75%)

Green (52%)

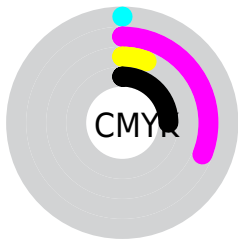
Blue (71%)



Red (75%)

Yellow (52%)

Blue (71%)

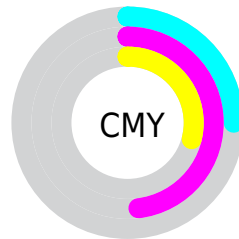


Cyan (0%)

Magenta (31%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 156.1130, 19.7560, 27.4360 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 156.1130, 19.7560, 27.4360 by changing the saturation by 10% instead.



■ 156.1130, 19.7560,  
27.4360

■ 156.1130, 19.7560,  
27.4360

■ 255.0000, -0.0000,  
-0.0000

■ 129.4010, 18.8850,  
26.7010

■ 211.2380, 20.9020,  
28.6940

■ 103.9880, 18.6100,  
26.1780

■ 231.5200, 11.0000,  
20.9200

■ 78.9770, 17.1430,  
25.2310

■ 247.9560, 3.3000,  
6.2760

■ 55.2650, 16.2720,  
24.4960

■ 30.7920, 16.2260,  
25.3300

■ 15.8360, 12.9260,  
19.0540

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,  
0.0000

■ 156.1130, 19.7560,  
27.4360

■ 156.1130, 19.7560,  
27.4360

■ 144.5040, 26.2650,  
36.1290

■ 167.7220, 13.2470,  
18.7430

■ 133.0090, 32.4530,  
45.1330

■ 179.2170, 7.0590,  
9.7390

■ 120.8130, 39.2370,  
54.3490

■ 191.4130, 0.2750,  
0.5230

■ 109.3180, 45.4250,  
63.3530

■ 202.9080, -5.9130,  
-8.4810

■ 97.7090, 51.9340,  
72.0460

■ 214.5170,  
-12.4220, -17.1740

86.1000, 58.4430,  
80.7390

226.1260,  
-18.9310, -25.8670

75.1920, 64.3560,  
89.2200

230.5770,  
-21.8190, -28.5950

231.0330,  
-23.1030, -27.3510

231.3750,  
-24.0660, -26.4180

# Harmonies

## Analogous

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



154.4390, -10.6410, 22.1510



156.1130, 19.7560, 27.4360



154.8410, 40.8930, 24.3250

# Triad

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



156.1130, 19.7560, 27.4360



149.7270, 30.9050, -14.9430



125.1700, -92.1520, -25.9760

# Complementary

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



156.1130, 19.7560, 27.4360



168.8870, -19.7560, -27.4360

# 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.



133.9980, -59.5530, -27.5610



156.1130, 19.7560, 27.4360



146.4680, 6.4690, -23.6350

# Square

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



156.1130, 19.7560, 27.4360



151.7710, 45.9410, -1.0910



141.5490, -24.6160, -27.4640



136.0940, -76.6580, -9.4100



# Rectangle

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



156.1130, 19.7560, 27.4360



153.7460, 48.2300, 18.0060



141.5490, -24.6160, -27.4640



127.7210, -83.5780, -27.1780

# Sweetspot

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



156.1130, 19.7560, 27.4360



236.0430, 7.6090, 10.7850



143.0150, -12.3830, 20.6810



116.4400, 4.8130, 6.3890



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.1130, 19.7560, 27.4360



193.4710, 31.0320, 43.3520



152.8070, 29.0650, 18.4170



90.9020, 3.3920, 4.6080



63.0730, 53.9050, 74.8730



12.9450, 11.0010, 15.3930



# Inverse Universe

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



156.1130, 19.7560, 27.4360



193.4710, 31.0320, 43.3520



172.1930, -29.0650, -18.4170



90.9020, 3.3920, 4.6080



63.0730, 53.9050, 74.8730

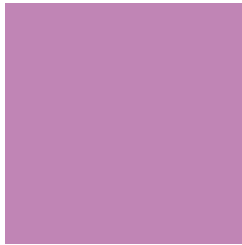


12.9450, 11.0010, 15.3930



# Previews

## White Background



This preview shows how the YIQ color 156.1130, 19.7560, 27.4360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

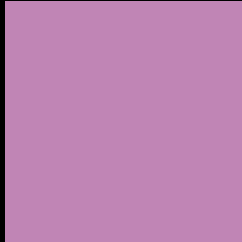
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 156.1130, 19.7560, 27.4360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

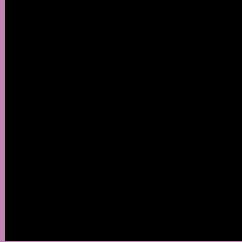
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 156.1130, 19.7560, 27.4360

## Background



This preview shows how black text looks on a background with the YIQ color 156.1130, 19.7560, 27.4360.



This preview shows how white text looks on a background with the YIQ color 156.1130, 19.7560,

27.4360.

# 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

156.1130, 19.7560, 27.4360

### Protanopia

152.7980, -19.4420, 10.9420

### Deuteranopia

153.8010, -6.3290, 10.0790



## Tritanopia

154.9050, 25.6730, 13.8090

# Trichromacy



## Original Color

156.1130, 19.7560, 27.4360

## Protanomaly

153.9140, -4.9090, 17.3870

## Deuteranomaly

154.5790, 3.3440, 16.4960

## Tritanomaly

155.2840, 23.2880, 18.4880

# Monochromacy



## Original Color

156.1130, 19.7560, 27.4360

## Achromatopsia

156.0000, -0.0000, -0.0000

## Achromatomaly

156.2170, 7.0590, 9.7390

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 156.1130, 19.7560, 27.4360 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(192, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 133, 181)  
}
```

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(192, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 133, 181) }
```

## Border

The CSS property to change the border of an element to YIQ 156.1130, 19.7560, 27.4360 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(192, 133, 181) }
```



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

```
.border{ border-color:rgb(192, 133, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 133, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 133, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 133, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 133,  
181) }
```

# Background

The CSS property to change the background color of an element to YIQ 156.1130, 19.7560, 27.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 133, 181) }
```

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

```
.background{ background-color: rgb(192,  
133, 181) }
```

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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