

Converting Colors

YIQ(165.4060, 11.3210, 20.6090)

Have a look what the booklet for
YIQ(165.4060, 11.3210, 20.6090)
contains.

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Color

**YIQ(165.4060, 11.3210,
20.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	BD95BC
RGB	189, 149, 188
RGB Percent	74%, 58%, 74%
CMY	0.2587, 0.4157, 0.2627
CMYK	0.00, 0.21, 0.01, 0.26
HSL	302°, 23%, 66%
HSV	302°, 21%, 74%
XYZ	40.8161, 35.9433, 52.3656
YIQ	165.4060, 11.3210, 20.6090

Conversions

Conversions Part 2

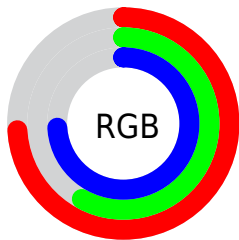
Format	Color
RYB	189, 149, 188
Decimal	12424636
CIELab	66.48, 21.72, -14.50
CIElCh	66, 26.115, 326.286
Yxy	35.9433, 0.3161, 0.2784
Android (android.graphics.Color)	4290614716 (0xFFBD95BC)
YUV	165.4060, 11.1388, 20.6919
Hunter-Lab	59.9527, 16.6064, -9.8198

Details

The YIQ color **165.4060, 11.3210, 20.6090** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.5940, -11.3210, -20.6090**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.5310, 12.4670, 21.8670**, and **113.2810, 10.1750, 19.3510** is the 20% darker color. If you saturate the color by 10%, you get **154.2530, 16.5460, 30.5460**, and if you desaturate by 10%, it is **176.5590, 6.0960, 10.6720**.

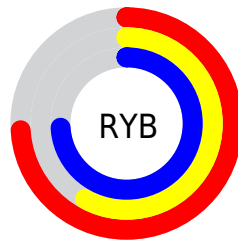
Distribution



Red (74%)

Green (58%)

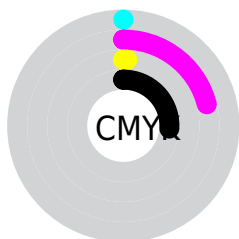
Blue (74%)



Red (74%)

Yellow (58%)

Blue (74%)

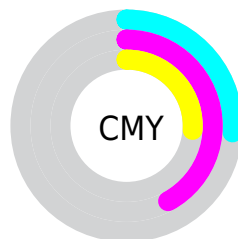


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (42%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4060, 11.3210, 20.6090 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 165.4060, 11.3210, 20.6090 by changing the saturation by 10% instead.

■ 165.4060, 11.3210,
20.6090

■ 165.4060, 11.3210,
20.6090

255.0000, -0.0000,
-0.0000

■ 138.9930, 11.0460,
20.0860

■ 220.5310, 12.4670,
21.8670

■ 113.2810, 10.1750,
19.3510

■ 241.4990, 6.3250,
12.0290

■ 88.7540, 10.2210,
18.5170

■ 65.0420, 9.3500,
17.7820

■ 42.3300, 8.4790,
17.0470

■ 20.3300, 8.4790,
17.0470

■ 4.2590, -1.9270,

7.3930

0.0000, 0.0000,
0.0000

165.4060, 11.3210,
20.6090

165.4060, 11.3210,
20.6090

154.2530, 16.5460,
30.5460

176.5590, 6.0960,
10.6720

142.9860, 22.0920,
40.1720

187.8260, 0.5500,
1.0460

131.8330, 27.3170,
50.1090

198.9790, -4.6750,
-8.8910

120.5660, 32.8630,
59.7350

210.2460,
-10.2210, -18.5170

109.4130, 38.0880,
69.6720

221.3990,
-15.4460, -28.4540

■ 98.7330, 43.3590,
78.7750

■ 227.9700,
-18.7920, -33.8960

■ 87.5800, 48.5840,
88.7120

■ 228.0840,
-19.1130, -33.5850

■ 77.4870, 53.5800,
97.2920

Harmonies

Analogous

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



163.5540, -12.7030, 15.4650



165.4060, 11.3210, 20.6090



165.6330, 29.6150, 19.4630

Triad

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



165.4060, 11.3210, 20.6090



160.5620, 27.2360, -9.0200



149.7960, -52.6320, -15.3200

Complementary

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



165.4060, 11.3210, 20.6090



172.5940, -11.3210, -20.6090

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.



152.1320, -36.2630, -20.1270



165.4060, 11.3210, 20.6090



158.5380, 9.4480, -17.0480

Square

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



165.4060, 11.3210, 20.6090



162.4590, 38.1920, 1.6800



155.2240, -13.1550, -20.4110



152.7780, -52.2210, -6.2450

Rectangle

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



165.4060, 11.3210, 20.6090



164.7060, 36.5390, 15.1230



155.2240, -13.1550, -20.4110



150.3680, -48.5510, -17.6950

Sweetspot

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



165.4060, 11.3210, 20.6090



236.0810, 4.4460, 7.5340



153.8590, -12.2440, 12.6520



117.3040, 2.2000, 4.1840



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



165.4060, 11.3210, 20.6090



208.9650, 17.4170, 31.2810



163.1260, 17.7410, 14.3890



88.7170, 2.4750, 4.7070



64.7980, 44.7340, 81.3900



12.6890, 8.8460, 15.9020

Inverse Universe

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



165.4060, 11.3210, 20.6090



208.9650, 17.4170, 31.2810



174.8740, -17.7410, -14.3890



88.7170, 2.4750, 4.7070



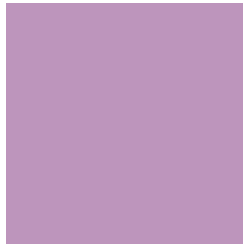
64.7980, 44.7340, 81.3900



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 165.4060, 11.3210, 20.6090 looks on a white background.

Color Contrast Check

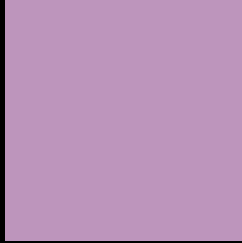
Large Text (above 18pt) WCAG AA × Fail

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 165.4060, 11.3210, 20.6090 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 165.4060, 11.3210, 20.6090

Background



This preview shows how black text looks on a background with the YIQ color 165.4060, 11.3210, 20.6090.



This preview shows how white text looks on a background with the YIQ color 165.4060, 11.3210,

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

165.4060, 11.3210, 20.6090

Protanopia

162.3100, -15.1320, 9.9240

Deuteranopia

163.5840, -4.2200, 10.4040



Tritanopia

164.2350, 15.8160, 10.7280

Trichromacy



Original Color

165.4060, 11.3210, 20.6090

Protanomaly

163.5070, -5.3210, 13.8390

Deuteranomaly

164.3290, 1.0520, 13.9800

Tritanomaly

164.8590, 14.1190, 13.9510

Monochromacy



Original Color

165.4060, 11.3210, 20.6090

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0810, 4.4460, 7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4060, 11.3210, 20.6090 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(189, 149, 188)` looks like.

```
.text, #text, p{  
    color:rgb(189, 149, 188)  
}
```

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(189, 149, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 149, 188) }
```

Border

The CSS property to change the border of an element to YIQ 165.4060, 11.3210, 20.6090 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(189, 149, 188) }
```


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

```
.border{ border-color:rgb(189, 149, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 149, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 149, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 149, 188);  
box-shadow:4px 4px 4px 4px rgb(189, 149,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4060, 11.3210, 20.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 149, 188) }
```

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

```
.background{ background-color: rgb(189,  
149, 188) }
```

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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