

Converting Colors

YIQ(166.7540, 10.2210, 18.5170)

Have a look what the booklet for
YIQ(166.7540, 10.2210, 18.5170)
contains.

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Color

**YIQ(166.7540, 10.2210,
18.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	BC98BB
RGB	188, 152, 187
RGB Percent	74%, 60%, 73%
CMY	0.2626, 0.4040, 0.2666
CMYK	0.00, 0.19, 0.01, 0.26
HSL	302°, 21%, 67%
HSV	302°, 19%, 74%
XYZ	40.9416, 36.7344, 51.9482
YIQ	166.7540, 10.2210, 18.5170

Conversions

Conversions Part 2

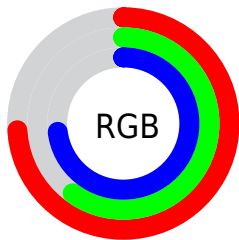
Format	Color
RYB	188, 152, 187
Decimal	12359867
CIELab	67.08, 19.52, -13.04
CIELCh	67, 23.476, 326.251
Yxy	36.7344, 0.3158, 0.2834
Android (android.graphics.Color)	4290549947 (0xFFBC98BB)
YUV	166.7540, 9.9813, 18.6327
Hunter-Lab	60.6089, 14.5118, -8.3915

Details

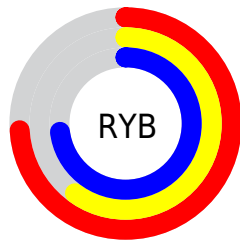
The YIQ color **166.7540, 10.2210, 18.5170** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173.2460, -10.2210, -18.5170**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5800, 10.7710, 19.5630**, and **114.6290, 9.0750, 17.2590** is the 20% darker color. If you saturate the color by 10%, you get **155.4870, 15.7670, 28.1430**, and if you desaturate by 10%, it is **178.0210, 4.6750, 8.8910**.

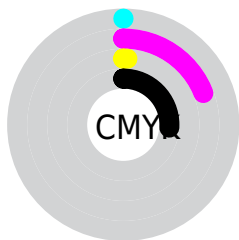
Distribution



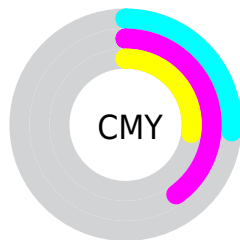
- Red (74%)
- Green (60%)
- Blue (73%)



- Red (74%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.7540, 10.2210, 18.5170 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 166.7540, 10.2210, 18.5170 by changing the saturation by 10% instead.

■ 166.7540, 10.2210,
18.5170

■ 166.7540, 10.2210,
18.5170

255.0000, -0.0000,
-0.0000

■ 140.3410, 9.9460,
17.9940

■ 221.8790, 11.3670,
19.7750

■ 114.6290, 9.0750,
17.2590

■ 243.2600, 5.5000,
10.4600

■ 90.1020, 9.1210,
16.4250

■ 65.8030, 8.5250,
16.2130

■ 43.3900, 8.2500,
15.6900

■ 21.6780, 7.3790,
14.9550

■ 4.7430, -0.4140,

7.5060

■ 0.0000, 0.0000,
0.0000

■ 166.7540, 10.2210,
18.5170

■ 166.7540, 10.2210,
18.5170

■ 155.4870, 15.7670,
28.1430

■ 178.0210, 4.6750,
8.8910

■ 144.3340, 20.9920,
38.0800

■ 189.1740, -0.5500,
-1.0460

■ 133.6540, 26.2630,
47.1830

■ 199.8540, -5.8210,
-10.1490

■ 122.5010, 31.4880,
57.1200

■ 211.0070,
-11.0460, -20.0860

■ 111.2340, 37.0340,
66.7460

■ 222.2740,
-16.5920, -29.7120

■ 100.0810, 42.2590,
76.6830

■ 227.5570,
-19.0670, -34.4190

■ 88.8140, 47.8050,
86.3090

■ 227.6710,
-19.3880, -34.1080

■ 78.2480, 52.7550,
95.7230

■ 227.7850,
-19.7090, -33.7970

■ 77.0740, 53.3050,
96.7690

Harmonies

Analogous

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



164.9840, -11.0980, 13.9100



166.7540, 10.2210, 18.5170



166.6110, 26.6810, 17.5690

Triad

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



166.7540, 10.2210, 18.5170



162.4200, 24.7600, -8.2000



153.8570, -45.4340, -13.6100

Complementary

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



166.7540, 10.2210, 18.5170



173.2460, -10.2210, -18.5170

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.



154.7520, -32.1370, -17.8090



166.7540, 10.2210, 18.5170



160.4070, 8.4390, -15.2810

Square

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



166.7540, 10.2210, 18.5170



164.3060, 34.2490, 1.5530



157.7620, -11.7340, -18.6300



156.4260, -45.2980, -5.0580

Rectangle

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



166.7540, 10.2210, 18.5170



166.0970, 33.8800, 13.7520



157.7620, -11.7340, -18.6300



153.6570, -41.9950, -15.3630

Sweetspot

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



166.7540, 10.2210, 18.5170



236.0810, 4.4460, 7.5340



156.4030, -10.9600, 11.4080



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.



166.7540, 10.2210, 18.5170



211.3130, 16.3170, 29.1890



164.7020, 15.9990, 12.9190



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.



166.7540, 10.2210, 18.5170



211.3130, 16.3170, 29.1890



175.2980, -15.9990, -12.9190



88.7170, 2.4750, 4.7070



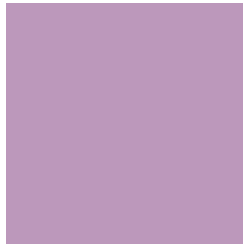
64.7980, 44.7340, 81.3900



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 166.7540, 10.2210, 18.5170 looks on a white background.

Color Contrast Check

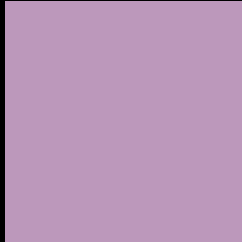
Large Text (above 18pt) WCAG AA × Fail

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 166.7540, 10.2210, 18.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

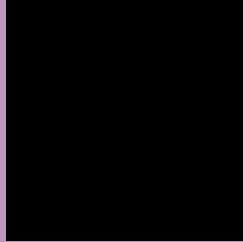
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.7540, 10.2210, 18.5170

Background



This preview shows how black text looks on a background with the YIQ color 166.7540, 10.2210, 18.5170.



This preview shows how white text looks on a background with the YIQ color 166.7540, 10.2210,

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

166.7540, 10.2210, 18.5170

Protanopia

164.1530, -13.2520, 8.8920

Deuteranopia

165.0680, -2.7070, 10.5170



Tritanopia

165.4520, 13.7070, 10.4030

Trichromacy



Original Color

166.7540, 10.2210, 18.5170

Protanomaly

164.7520, -4.6330, 12.3830

Deuteranomaly

165.4000, 2.2900, 13.5700

Tritanomaly

165.9620, 12.3310, 13.3150

Monochromacy



Original Color

166.7540, 10.2210, 18.5170

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.2550, 3.8960, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.7540, 10.2210, 18.5170 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(188, 152, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 187)  
}
```

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(188, 152, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 187) }
```

Border

The CSS property to change the border of an element to YIQ 166.7540, 10.2210, 18.5170 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(188, 152, 187) }
```


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

```
.border{ border-color:rgb(188, 152, 187) }
```

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

Here you see how a box with a 4 pixel rgb(188, 152, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 166.7540, 10.2210, 18.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 187) }
```

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

```
.background{ background-color: rgb(188,  
152, 187) }
```

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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