

Converting Colors

YIQ(168.5490, 12.0560, 12.7920)

Have a look what the booklet for
YIQ(168.5490, 12.0560, 12.7920)
contains.

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Color

**YIQ(168.5490, 12.0560,
12.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9DB1
RGB	188, 157, 177
RGB Percent	74%, 62%, 69%
CMY	0.2627, 0.3843, 0.3058
CMYK	0.00, 0.17, 0.06, 0.26
HSL	321°, 19%, 68%
HSV	321°, 17%, 74%
XYZ	40.7359, 37.9784, 46.7828
YIQ	168.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

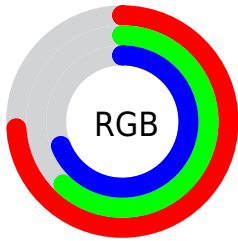
Format	Color
RYB	188, 157, 177
Decimal	12361137
CIELab	68.00, 14.89, -6.08
CIELCh	68, 16.083, 337.782
Yxy	37.9784, 0.3246, 0.3026
Android (android.graphics.Color)	4290551217 (0xFFBC9DB1)
YUV	168.5490, 4.1663, 17.0585
Hunter-Lab	61.6266, 10.1440, -1.8704

Details

The YIQ color **168.5490, 12.0560, 12.7920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176.4510, -12.0560, -12.7920**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9620, 12.3310, 13.3150**, and **116.7230, 11.5060, 11.7460** is the 20% darker color. If you saturate the color by 10%, you get **156.5980, 19.5280, 20.5520**, and if you desaturate by 10%, it is **180.5000, 4.5840, 5.0320**.

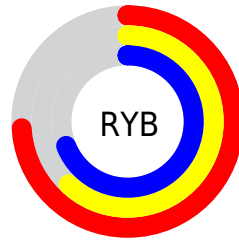
Distribution



Red (74%)

Green (62%)

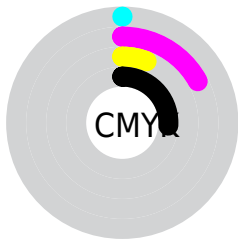
Blue (69%)



Red (74%)

Yellow (62%)

Blue (69%)

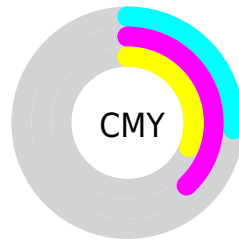


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.5490, 12.0560, 12.7920 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 168.5490, 12.0560, 12.7920 by changing the saturation by 10% instead.

 168.5490, 12.0560,
12.7920


 168.5490, 12.0560,
12.7920


255.0000, -0.0000,
-0.0000

 142.1360, 11.7810,
12.2690


 223.9620, 12.3310,
13.3150


 116.7230, 11.5060,
11.7460

 246.1950, 4.1250,
7.8450

 91.5380, 10.5890,
11.8450

 67.8260, 9.7180,
11.1100

 45.4130, 9.4430,
10.5870

 24.7010, 8.5720,
9.8520

 4.6850, 5.5010,

4.9330

■ 0.0000, 0.0000,
0.0000

■ 168.5490, 12.0560,
12.7920

■ 168.5490, 12.0560,
12.7920

■ 156.5980, 19.5280,
20.5520

■ 180.5000, 4.5840,
5.0320

■ 144.7610, 26.6790,
28.6230

■ 192.3370, -2.5670,
-3.0390

■ 133.3970, 33.8760,
35.8600

■ 203.7010, -9.7640,
-10.2760

■ 121.4460, 41.3480,
43.6200

■ 215.6520,
-17.2360, -18.0360

■ 109.6090, 48.4990,
51.6910

■ 227.4890,
-24.3870, -26.1070

97.6580, 55.9710,
59.4510

230.6350,
-27.7340, -26.0220

85.7070, 63.4430,
67.2110

231.4330,
-29.9810, -23.8450

74.4570, 70.3190,
74.7590

232.1170,
-31.9070, -21.9790

70.0060, 73.2070,
77.4870

232.9150,
-34.1540, -19.8020

Harmonies

Analogous

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



167.7800, -1.8360, 11.2520



168.5490, 12.0560, 12.7920



168.6440, 21.9140, 10.3460

Triad

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



168.5490, 12.0560, 12.7920



164.7870, 13.4810, -7.5350



160.6850, -30.0300, -6.4300

Complementary

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



168.5490, 12.0560, 12.7920



176.4510, -12.0560, -12.7920

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.



160.2740, -24.6190, -10.8830



168.5490, 12.0560, 12.7920



163.0350, 0.9190, -11.1530

Square

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



168.5490, 12.0560, 12.7920



166.2660, 22.5580, -1.3300



161.2660, -12.9730, -12.6930



162.6410, -26.7300, -0.1540

Rectangle

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



168.5490, 12.0560, 12.7920



167.6180, 24.8030, 7.5470



161.2660, -12.9730, -12.6930



160.5170, -29.6170, -8.4090

Sweetspot

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



168.5490, 12.0560, 12.7920



237.3860, 4.9050, 4.7210



163.8230, -3.3950, 11.9730



117.6630, 2.5670, 3.0390



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.



168.5490, 12.0560, 12.7920



214.1850, 19.2530, 20.0290



166.8390, 16.8710, 8.1270



88.3750, 3.4380, 3.7740



58.8700, 61.4260, 65.2180



11.5490, 12.0560, 12.7920

Inverse Universe

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



168.5490, 12.0560, 12.7920



214.1850, 19.2530, 20.0290



178.1610, -16.8710, -8.1270



88.3750, 3.4380, 3.7740



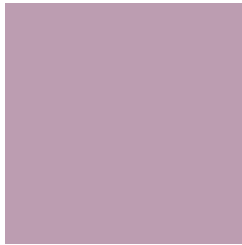
58.8700, 61.4260, 65.2180



11.5490, 12.0560, 12.7920

Previews

White Background



This preview shows how the YIQ color 168.5490, 12.0560, 12.7920 looks on a white background.

Color Contrast Check

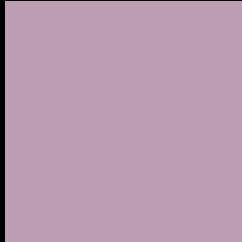
Large Text (above 18pt) WCAG AA × Fail

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 168.5490, 12.0560, 12.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

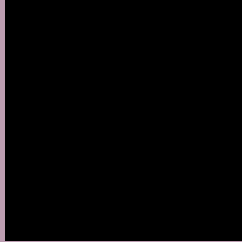
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.5490, 12.0560, 12.7920

Background



This preview shows how black text looks on a background with the YIQ color 168.5490, 12.0560, 12.7920.



This preview shows how white text looks on a background with the YIQ color 168.5490, 12.0560,

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

168.5490, 12.0560, 12.7920

Protanopia

166.6390, -6.0530, 5.0750

Deuteranopia

167.4940, 4.7210, 8.0570



Tritanopia

168.0390, 13.4320, 9.8800

Trichromacy



Original Color

168.5490, 12.0560, 12.7920

Protanomaly

167.3410, 0.7780, 7.9300

Deuteranomaly

168.1030, 7.3800, 9.4280

Tritanomaly

168.3810, 12.4690, 10.8130

Monochromacy



Original Color

168.5490, 12.0560, 12.7920

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.5490, 12.0560, 12.7920 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, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 157, 177)  
}
```

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, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 157, 177) }
```

Border

The CSS property to change the border of an element to YIQ 168.5490, 12.0560, 12.7920 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, 157, 177) }
```


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

```
.border{ border-color:rgb(188, 157, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 157,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 168.5490, 12.0560, 12.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 157, 177) }
```

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

```
.background{ background-color: rgb(188,  
157, 177) }
```

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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