

Converting Colors

YIQ(168.8220, 15.5410, 10.2050)

Have a look what the booklet for
YIQ(168.8220, 15.5410, 10.2050)
contains.

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Color

**YIQ(168.8220, 15.5410,
10.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9EA9
RGB	190, 158, 169
RGB Percent	75%, 62%, 66%
CMY	0.2548, 0.3804, 0.3372
CMYK	0.00, 0.17, 0.11, 0.25
HSL	339°, 20%, 68%
HSV	339°, 17%, 75%
XYZ	40.6278, 38.2641, 42.7872
YIQ	168.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

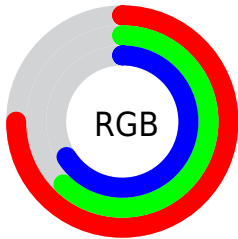
Format	Color
RYB	190, 158, 169
Decimal	12492457
CIELab	68.21, 13.65, -1.29
CIElCh	68, 13.711, 354.583
Yxy	38.2641, 0.3339, 0.3145
Android (android.graphics.Color)	4290682537 (0xFFBE9EA9)
YUV	168.8220, 0.0878, 18.5731
Hunter-Lab	61.8580, 8.9857, 2.2897

Details

The YIQ color **168.8220, 15.5410, 10.2050** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.1780, -15.5410, -10.2050**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4200, 16.7330, 10.6290**, and **116.8110, 14.0740, 9.2580** is the 20% darker color. If you saturate the color by 10%, you get **156.3010, 24.6180, 16.4100**, and if you desaturate by 10%, it is **181.3430, 6.4640, 4.0000**.

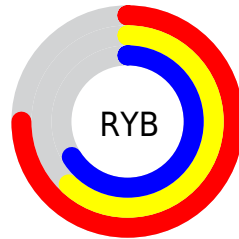
Distribution



Red (75%)

Green (62%)

Blue (66%)



Red (75%)

Yellow (62%)

Blue (66%)

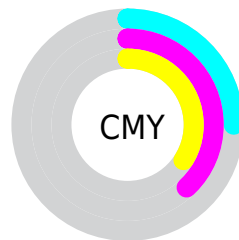


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.8220, 15.5410, 10.2050 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 168.8220, 15.5410, 10.2050 by changing the saturation by 10% instead.

■ 168.8220, 15.5410,
10.2050

■ 168.8220, 15.5410,
10.2050

■ 255.0000, -0.0000,
-0.0000

■ 142.5230, 14.9450,
9.9930

■ 224.4200, 16.7330,
10.6290

■ 116.8110, 14.0740,
9.2580

■ 246.5540, 4.4920,
6.7000

■ 91.8110, 14.0740,
9.2580

■ 68.2130, 12.8820,
8.8340

■ 45.6150, 11.6900,
8.4100

■ 24.9030, 10.8190,
7.6750

■ 4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 168.8220, 15.5410,
10.2050

■ 168.8220, 15.5410,
10.2050

■ 156.3010, 24.6180,
16.4100

■ 181.3430, 6.4640,
4.0000

■ 143.6660, 34.0160,
22.3040

■ 193.9780, -2.9340,
-1.8940

■ 131.1450, 43.0930,
28.5090

■ 206.4990,
-12.0110, -8.0990

■ 118.5100, 52.4910,
34.4030

■ 219.1340,
-21.4090, -13.9930

■ 105.9890, 61.5680,
40.6080

■ 231.6550,
-30.4860, -20.1980

■ 93.3540, 70.9660,
46.5020

■ 234.3110,
-35.2090, -17.2010

■ 80.8330, 80.0430,
52.7070

■ 235.5650,
-38.7400, -13.7800

■ 68.1980, 89.4410,
58.6010

■ 64.2200, 92.3750,
60.4950

Harmonies

Analogous

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



168.3740, 5.1790, 10.7710



168.8220, 15.5410, 10.2050



168.3510, 21.1810, 7.1090

Triad

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



168.8220, 15.5410, 10.2050



164.9540, 5.6410, -8.6230



162.8430, -24.4830, -2.3310

Complementary

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



168.8220, 15.5410, 10.2050



179.1780, -15.5410, -10.2050

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.



161.6810, -24.2070, -7.3350



168.8220, 15.5410, 10.2050



163.4410, -6.0960, -10.6720

Square

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



168.8220, 15.5410, 10.2050



166.5640, 15.7270, -4.1850



161.6940, -17.0540, -10.3180



165.2400, -18.1110, 3.3370

Rectangle

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



168.8220, 15.5410, 10.2050



168.0150, 22.0070, 3.1510



161.6940, -17.0540, -10.3180



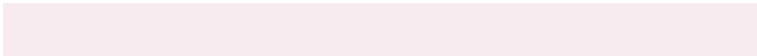
162.4900, -24.9870, -4.2110

Sweetspot

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



168.8220, 15.5410, 10.2050



239.0440, 5.8680, 3.7880



167.9270, 2.2440, 14.4040



119.7340, 3.8050, 2.6290



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.



168.8220, 15.5410, 10.2050



214.5890, 23.7470, 15.6750



170.5030, 17.6970, 4.1690



88.0330, 4.4010, 2.8410



53.3980, 76.8340, 50.2900



10.5230, 14.9450, 9.9930

Inverse Universe

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



168.8220, 15.5410, 10.2050



214.5890, 23.7470, 15.6750



177.4970, -17.6970, -4.1690



88.0330, 4.4010, 2.8410



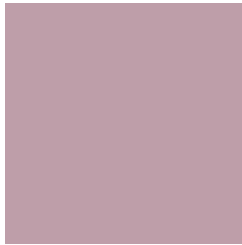
53.3980, 76.8340, 50.2900



10.5230, 14.9450, 9.9930

Previews

White Background



This preview shows how the YIQ color 168.8220, 15.5410, 10.2050 looks on a white background.

Color Contrast Check

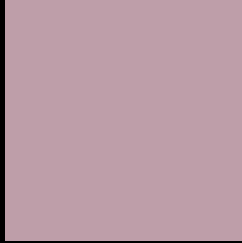
Large Text (above 18pt) WCAG AA × Fail

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 168.8220, 15.5410, 10.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

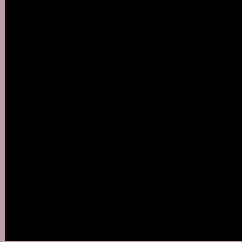
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.8220, 15.5410, 10.2050

Background



This preview shows how black text looks on a background with the YIQ color 168.8220, 15.5410, 10.2050.



This preview shows how white text looks on a background with the YIQ color 168.8220, 15.5410,

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

168.8220, 15.5410, 10.2050

Protanopia

167.0970, -1.6510, 2.3890

Deuteranopia

168.0770, 10.2690, 6.6290



Tritanopia

168.9360, 15.2200, 10.5160

Trichromacy



Original Color

168.8220, 15.5410, 10.2050

Protanomaly

167.6140, 4.2630, 5.3430

Deuteranomaly

168.3870, 12.3320, 7.7880

Tritanomaly

168.9360, 15.2200, 10.5160

Monochromacy



Original Color

168.8220, 15.5410, 10.2050

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0440, 5.8680, 3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.8220, 15.5410, 10.2050 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(190, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 169)  
}
```

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(190, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 169) }
```

Border

The CSS property to change the border of an element to YIQ 168.8220, 15.5410, 10.2050 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(190, 158, 169) }
```


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

```
.border{ border-color:rgb(190, 158, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 168.8220, 15.5410, 10.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 169) }
```

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

```
.background{ background-color: rgb(190,  
158, 169) }
```

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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