

Converting Colors

YIQ(168.4420, 19.6670, 12.5230)

Have a look what the booklet for
YIQ(168.4420, 19.6670, 12.5230)
contains.

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Color

**YIQ(168.4420, 19.6670,
12.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	C39BA8
RGB	195, 155, 168
RGB Percent	76%, 61%, 66%
CMY	0.2352, 0.3922, 0.3411
CMYK	0.00, 0.21, 0.14, 0.24
HSL	340°, 25%, 69%
HSV	340°, 21%, 76%
XYZ	41.3005, 37.8705, 42.1872
YIQ	168.4420, 19.6670, 12.5230

Conversions

Conversions Part 2

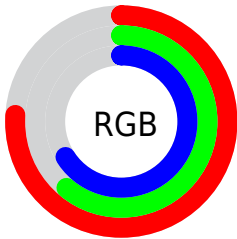
Format	Color
R_{YB}	195, 155, 168
Decimal	12819368
CIE _{Lab}	67.93, 16.97, -1.11
CIE _{LCh}	68, 17.002, 356.271
Yxy	37.8705, 0.3403, 0.3121
Android (android.graphics.Color)	4291009448 (0xFFC39BA8)
YUV	168.4420, -0.2179, 23.2914
Hunter-Lab	61.5390, 12.1030, 2.4319

Details

The YIQ color **168.4420, 19.6670, 12.5230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.5580, -19.6670, -12.5230**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.0400, 20.8590, 12.9470**, and **116.4310, 18.2000, 11.5760** is the 20% darker color. If you saturate the color by 10%, you get **155.2200, 29.3400, 18.9400**, and if you desaturate by 10%, it is **181.0770, 10.2690, 6.6290**.

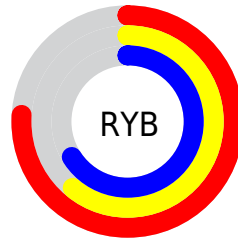
Distribution



Red (76%)

Green (61%)

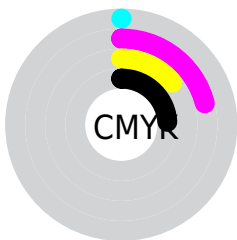
Blue (66%)



Red (76%)

Yellow (61%)

Blue (66%)

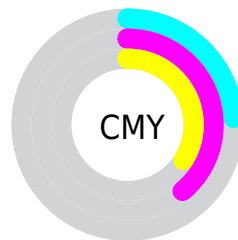


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.4420, 19.6670, 12.5230 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 168.4420, 19.6670, 12.5230 by changing the saturation by 10% instead.


 168.4420, 19.6670,
12.5230


 168.4420, 19.6670,
12.5230


255.0000, -0.0000,
-0.0000


 142.1430, 19.0710,
12.3110


 224.0400, 20.8590,
12.9470


 116.4310, 18.2000,
11.5760

 244.6790, 5.6380,
7.9580

 91.2460, 17.2830,
11.6750

 67.5340, 16.4120,
10.9400

 44.9360, 15.2200,
10.5160

 23.3380, 14.0280,
10.0920

 5.6810, 11.3240,

4.0280

0.0000, 0.0000,
0.0000

168.4420, 19.6670,
12.5230

168.4420, 19.6670,
12.5230

155.2200, 29.3400,
18.9400

181.0770, 10.2690,
6.6290

142.5850, 38.7380,
24.8340

194.2990, 0.5960,
0.2120

129.3630, 48.4110,
31.2510

206.9340, -8.8020,
-5.6820

116.6140, 58.1300,
36.8340

220.2700,
-18.7960, -11.7880

103.3920, 67.8030,
43.2510

233.4920,
-28.4690, -18.2050

■ 90.7570, 77.2010,
49.1450

■ 236.1480,
-33.1920, -15.2080

■ 77.5350, 86.8740,
55.5620

■ 237.0600,
-35.7600, -12.7200

■ 65.4870, 95.9970,
60.9330

Harmonies

Analogous

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



168.6240, 7.4710, 13.2870



168.4420, 19.6670, 12.5230



168.2160, 25.9950, 7.9710

Triad

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



168.4420, 19.6670, 12.5230



163.6720, 6.3750, -10.9130



161.4940, -30.8100, -3.3060

Complementary

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



168.4420, 19.6670, 12.5230



181.5580, -19.6670, -12.5230

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.



159.8050, -30.4880, -9.1440



168.4420, 19.6670, 12.5230



161.1910, -8.3880, -13.1880

Square

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



168.4420, 19.6670, 12.5230



165.4780, 18.8450, -5.6270



159.8890, -22.0970, -12.5370



164.0270, -21.8250, 4.5670

Rectangle

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



168.4420, 19.6670, 12.5230



167.4670, 26.5460, 3.4900



159.8890, -22.0970, -12.5370



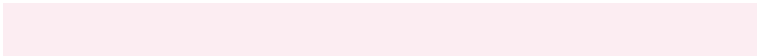
160.8420, -31.9100, -5.3980

Sweetspot

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



168.4420, 19.6670, 12.5230



242.0550, 7.3350, 4.7350



167.6330, 3.2520, 18.1640



121.9190, 4.7220, 2.5300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



168.4420, 19.6670, 12.5230



210.2310, 30.8070, 19.8870



171.0690, 21.9150, 4.8190



90.3320, 4.9970, 3.0530



54.0670, 79.2640, 50.3040



11.1210, 16.1370, 10.4170

Inverse Universe

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



168.4420, 19.6670, 12.5230



210.2310, 30.8070, 19.8870



178.9310, -21.9150, -4.8190



90.3320, 4.9970, 3.0530



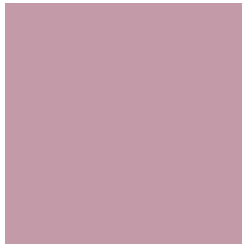
54.0670, 79.2640, 50.3040



11.1210, 16.1370, 10.4170

Previews

White Background



This preview shows how the YIQ color 168.4420, 19.6670, 12.5230 looks on a white background.

Color Contrast Check

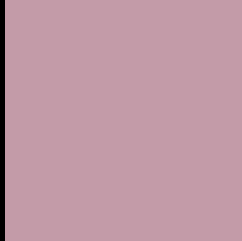
Large Text (above 18pt) WCAG AA × Fail

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 168.4420, 19.6670, 12.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

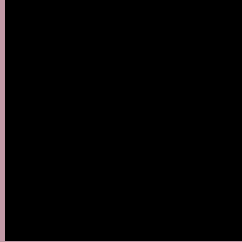
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.4420, 19.6670, 12.5230

Background



This preview shows how black text looks on a background with the YIQ color 168.4420, 19.6670, 12.5230.



This preview shows how white text looks on a background with the YIQ color 168.4420, 19.6670,

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

168.4420, 19.6670, 12.5230

Protanopia

166.3250, -2.2930, 3.0110

Deuteranopia

167.6640, 9.9940, 6.1060



Tritanopia

168.3280, 19.9880, 12.2120

Trichromacy



Original Color

168.4420, 19.6670, 12.5230

Protanomaly

167.0380, 6.0050, 6.8130

Deuteranomaly

167.9850, 13.5240, 8.2120

Tritanomaly

168.3280, 19.9880, 12.2120

Monochromacy



Original Color

168.4420, 19.6670, 12.5230

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.4420, 19.6670, 12.5230 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(195, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(195, 155, 168)  
}
```

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(195, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 155, 168) }
```

Border

The CSS property to change the border of an element to YIQ 168.4420, 19.6670, 12.5230 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(195, 155, 168) }
```


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

```
.border{ border-color:rgb(195, 155, 168) }
```

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

Here you see how a box with a 4 pixel rgb(195, 155, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(195, 155,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 168.4420, 19.6670, 12.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 155, 168) }
```

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

```
.background{ background-color: rgb(195,  
155, 168) }
```

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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