

Converting Colors

YUV(168.4240, 3.7350, 15.4142)

Have a look what the booklet for
YUV(168.4240, 3.7350, 15.4142)
contains.

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Color

**YUV(168.4240, 3.7350,
15.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9EB0
RGB	186, 158, 176
RGB Percent	73%, 62%, 69%
CMY	0.2706, 0.3804, 0.3098
CMYK	0.00, 0.15, 0.05, 0.27
HSL	321°, 17%, 67%
HSV	321°, 15%, 73%
XYZ	40.3130, 38.0274, 46.2896
YIQ	168.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

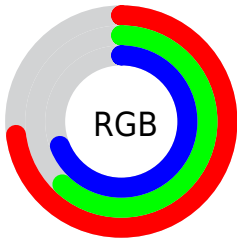
Format	Color
R _Y B	186, 158, 176
Decimal	12230320
CIE Lab	68.04, 13.42, -5.49
CIE LCh	68, 14.502, 337.768
Yxy	38.0274, 0.3235, 0.3051
Android (android.graphics.Color)	4290420400 (0xFFBA9EB0)
YUV	168.4240, 3.7350, 15.4142
Hunter-Lab	61.6664, 8.7743, -1.3393

Details

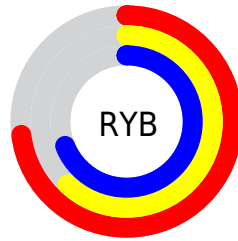
The YUV color **168.4240, 3.7350, 15.4142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175.5760, -3.7350, -15.4142**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8370, 4.0244, 15.9290**, and **116.7120, 3.5930, 14.2846** is the 20% darker color. If you saturate the color by 10%, you get **156.4730, 6.1758, 25.8952**, and if you desaturate by 10%, it is **180.3750, 1.2941, 4.9331**.

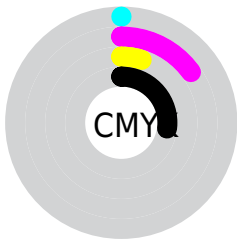
Distribution



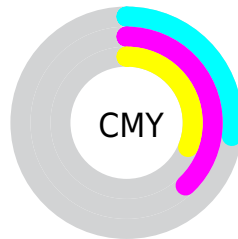
- Red (73%)
- Green (62%)
- Blue (69%)



- Red (73%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.4240, 3.7350, 15.4142 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 YUV color 168.4240, 3.7350, 15.4142 by changing the saturation by 10% instead.

 168.4240, 3.7350,
15.4142


 168.4240, 3.7350,
15.4142


255.0000, 0.0000,
0.0000


 142.0110, 3.4456,
14.8994


 223.8370, 4.0244,
15.9290

 116.7120, 3.5930,
14.2846

 246.7820, 4.0515,
7.2072

 91.4130, 3.7404,
13.6698

 68.0000, 3.4510,
13.1550

 45.2880, 3.3090,
12.0254

 24.5760, 3.1670,
10.8958

 3.8590, 0.5625,

6.2627

■ 0.0000, 0.0000,
0.0000

■ 168.4240, 3.7350,
15.4142

■ 168.4240, 3.7350,
15.4142

■ 156.4730, 6.1758,
25.8952

■ 180.3750, 1.2941,
4.9331

■ 145.2230, 8.7641,
35.7614

■ 191.6250, -1.2941,
-4.9331

■ 133.2720, 11.2049,
46.2425

■ 203.5760, -3.7350,
-15.4142

■ 121.9080, 13.3564,
56.2087

■ 214.9400, -5.8864,
-25.3804

■ 110.0710, 16.2340,
66.5897

■ 226.7770, -8.7641,
-35.7614

■ 98.1200, 18.6748,
77.0708

■ 229.9230, -6.8640,
-38.5205

■ 86.7560, 20.8263,
87.0370

■ 230.7210, -3.8065,
-39.2203

■ 74.9190, 23.7039,
97.4180

■ 231.4050, -1.1857,
-39.8202

■ 69.2940, 24.9981,
102.3512

■ 232.2030, 1.8719,
-40.5200

Harmonies

Analogous

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



167.5520, 9.5879, 4.7779



168.4240, 3.7350, 15.4142



168.4480, -2.6859, 21.5321

Triad

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



168.4240, 3.7350, 15.4142



165.1290, -12.3886, 6.9029



161.6530, 9.5381, -26.0057

Complementary

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



168.4240, 3.7350, 15.4142



175.5760, -3.7350, -15.4142

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.



161.4700, 3.7123, -24.0912



168.4240, 3.7350, 15.4142



163.5620, -9.1511, -4.8779

Square

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



168.4240, 3.7350, 15.4142



166.5970, -12.1263, 16.1394



162.3910, -3.1508, -16.1289



163.6090, 13.0108, -19.8281

Rectangle

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



168.4240, 3.7350, 15.4142



167.7210, -6.7645, 23.0467



162.3910, -3.1508, -16.1289



161.1970, 7.7909, -25.6058

Sweetspot

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



168.4240, 3.7350, 15.4142



234.5000, 1.7255, 6.5775



164.1820, 10.7563, 3.3484



117.6630, 1.1521, 3.8035



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.



168.4240, 3.7350, 15.4142



215.0490, 5.8918, 23.6360



166.8280, -2.3802, 16.8138



86.3750, 1.2941, 4.9331



58.0440, 20.6843, 85.9074



10.4240, 3.7350, 15.4142

Inverse Universe

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



168.4240, 3.7350, 15.4142



215.0490, 5.8918, 23.6360



177.1720, 2.3802, -16.8138



86.3750, 1.2941, 4.9331



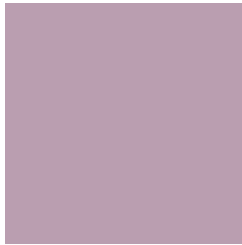
58.0440, 20.6843, 85.9074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 168.4240, 3.7350, 15.4142 looks on a white background.

Color Contrast Check

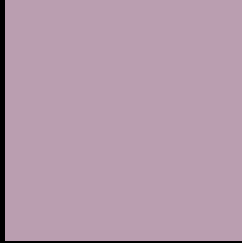
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 168.4240, 3.7350, 15.4142 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](#).

YUV 168.4240, 3.7350, 15.4142

Background



This preview shows how black text looks on a background with the YUV color 168.4240, 3.7350, 15.4142.



This preview shows how white text looks on a background with the YUV color 168.4240, 3.7350,

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

168.4240, 3.7350, 15.4142

Protanopia

166.7100, 6.5520, -1.4997

Deuteranopia

167.6790, 3.6093, 9.0515



Tritanopia

168.1420, 1.4090, 14.7845

Trichromacy



Original Color

168.4240, 3.7350, 15.4142

Protanomaly

167.2270, 5.8041, 5.0629

Deuteranomaly

167.9890, 3.4564, 11.4106

Tritanomaly

168.3700, 2.2826, 14.5845

Monochromacy



Original Color

168.4240, 3.7350, 15.4142

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4240, 3.7350, 15.4142 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(186, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 176)  
}
```

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(186, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 176) }
```

Border

The CSS property to change the border of an element to YUV 168.4240, 3.7350, 15.4142 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(186, 158, 176) }
```


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

```
.border{ border-color:rgb(186, 158, 176) }
```

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

Here you see how a box with a 4 pixel rgb(186, 158, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 168.4240, 3.7350, 15.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 176) }
```

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

```
.background{ background-color: rgb(186,  
158, 176) }
```

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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