

Converting Colors

YUV(158.0220, 3.4402, 16.6437)

Have a look what the booklet for
YUV(158.0220, 3.4402, 16.6437)
contains.

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Color

**YUV(158.0220, 3.4402,
16.6437)**

Conversions

Conversions Part 1

Format	Color
Hex	B193A5
RGB	177, 147, 165
RGB Percent	69%, 58%, 65%
CMY	0.3059, 0.4235, 0.3529
CMYK	0.00, 0.17, 0.07, 0.31
HSL	324°, 16%, 64%
HSV	324°, 17%, 69%
XYZ	35.3567, 32.9312, 40.0902
YIQ	158.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

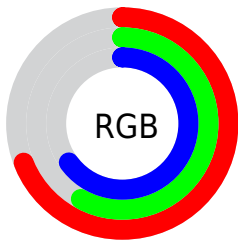
Format	Color
R_{YB}	177, 147, 165
Decimal	11637669
CIE _{Lab}	64.11, 14.31, -5.23
CIE _{LCh}	64, 15.242, 339.913
Yxy	32.9312, 0.3262, 0.3039
Android (android.graphics.Color)	4289827749 (0xFFB193A5)
YUV	158.0220, 3.4402, 16.6437
Hunter-Lab	57.3857, 9.5533, -1.2506

Details

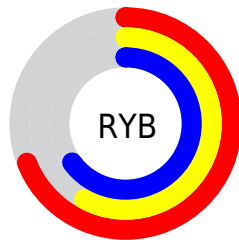
The YUV color **158.0220, 3.4402, 16.6437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.9780, -3.4402, -16.6437**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7340, 3.5821, 17.7733**, and **106.3100, 3.2982, 15.5141** is the 20% darker color. If you saturate the color by 10%, you get **146.6580, 5.5916, 26.6099**, and if you desaturate by 10%, it is **169.3860, 1.2887, 6.6775**.

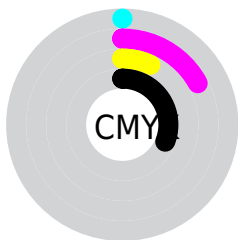
Distribution



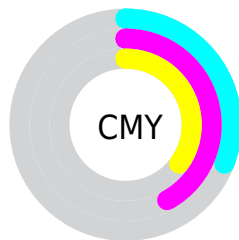
- Red (69%)
- Green (58%)
- Blue (65%)



- Red (69%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (31%)




- Cyan (31%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.0220, 3.4402, 16.6437 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 158.0220, 3.4402, 16.6437 by changing the saturation by 10% instead.


 158.0220, 3.4402,
16.6437


 158.0220, 3.4402,
16.6437


255.0000, 0.0000,
0.0000


 131.7230, 3.5876,
16.0289


 212.7340, 3.5821,
17.7733


 106.3100, 3.2982,
15.5141

 238.9400, 4.4666,
14.0846

 82.0110, 3.4456,
14.8994

 59.1850, 2.8668,
13.8698

 36.8860, 3.0142,
13.2550

 14.2390, 4.3192,
14.6994

 0.0000, 0.0000,

0.0000

■ 158.0220, 3.4402,
16.6437

■ 158.0220, 3.4402,
16.6437

■ 146.6580, 5.5916,
26.6099

■ 169.3860, 1.2887,
6.6775

■ 135.8810, 7.4537,
36.0614

■ 180.1630, -0.5734,
-2.7740

■ 124.5170, 9.6051,
46.0276

■ 191.5270, -2.7248,
-12.7402

■ 113.1530, 11.7566,
55.9938

■ 202.8910, -4.8763,
-22.7064

■ 102.3760, 13.6186,
65.4452

■ 213.6680, -6.7383,
-32.1578

■ 91.0120, 15.7701,
75.4115

■ 225.0320, -8.8898,
-42.1241

■ 79.5340, 17.4847,
85.4777

■ 227.1180, -5.9742,
-43.9535

■ 68.1700, 19.6362,
95.4439

■ 227.9160, -2.9166,
-44.6533

■ 65.0070, 20.2095,
98.2179

■ 228.7140, 0.1410,
-45.3532

Harmonies

Analogous

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



156.8510, 9.4405, 5.3927



158.0220, 3.4402, 16.6437



157.9320, -3.4175, 22.8616

Triad

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



158.0220, 3.4402, 16.6437



154.4170, -12.5306, 5.7733



150.5820, 10.5591, -26.8204

Complementary

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



158.0220, 3.4402, 16.6437



165.9780, -3.4402, -16.6437

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.



149.9860, 4.4439, -25.4207



158.0220, 3.4402, 16.6437



152.8500, -9.2930, -6.0074

Square

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



158.0220, 3.4402, 16.6437



155.7820, -12.7105, 16.8542



151.4940, -2.7085, -17.9732



152.7230, 13.4476, -19.9281

Rectangle

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



158.0220, 3.4402, 16.6437



157.4930, -7.6380, 23.2466



151.4940, -2.7085, -17.9732



150.4140, 8.6699, -27.5501

Sweetspot

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



158.0220, 3.4402, 16.6437



222.3860, 1.2887, 6.6775



154.0080, 11.3351, 4.3780



110.5490, 0.7153, 3.9035



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



158.0220, 3.4402, 16.6437



200.8320, 5.0128, 25.5803



156.3120, -3.1118, 18.1434



83.3750, 1.2941, 4.9331



56.2350, 17.6321, 84.8629



9.4840, 2.7194, 14.4845

Inverse Universe

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



158.0220, 3.4402, 16.6437



200.8320, 5.0128, 25.5803



167.6880, 3.1118, -18.1434



83.3750, 1.2941, 4.9331



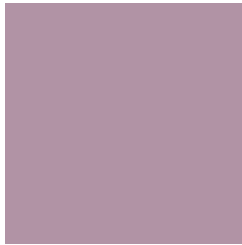
56.2350, 17.6321, 84.8629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 158.0220, 3.4402, 16.6437 looks on a white background.

Color Contrast Check

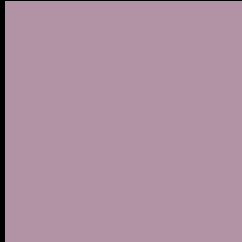
Large Text (above 18pt) WCAG AA × Fail

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 158.0220, 3.4402, 16.6437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

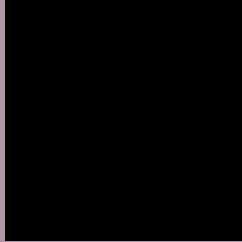
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0220, 3.4402, 16.6437

Background



This preview shows how black text looks on a background with the YUV color 158.0220, 3.4402, 16.6437.



This preview shows how white text looks on a background with the YUV color 158.0220, 3.4402,

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

158.0220, 3.4402, 16.6437

Protanopia

155.8240, 6.9888, -1.5996

Deuteranopia

157.2660, 3.3199, 8.5367



Tritanopia

157.6260, 0.6774, 16.1140

Trichromacy



Original Color

158.0220, 3.4402, 16.6437

Protanomaly

156.2270, 5.8041, 5.0629

Deuteranomaly

157.8750, 3.0196, 11.5106

Tritanomaly

157.8540, 1.5510, 15.9140

Monochromacy



Original Color

158.0220, 3.4402, 16.6437

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0220, 3.4402, 16.6437 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(177, 147, 165)` looks like.

```
.text, #text, p{  
    color:rgb(177, 147, 165)  
}
```

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(177, 147, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 147, 165) }
```

Border

The CSS property to change the border of an element to YUV 158.0220, 3.4402, 16.6437 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(177, 147, 165) }
```


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

```
.border{ border-color:rgb(177, 147, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 147, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 147, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 147, 165);  
box-shadow:4px 4px 4px 4px rgb(177, 147,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 158.0220, 3.4402, 16.6437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 147, 165) }
```

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

```
.background{ background-color: rgb(177,  
147, 165) }
```

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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