

Converting Colors

YUV(158.3120, 13.6502, 8.4964)

Have a look what the booklet for
YUV(158.3120, 13.6502, 8.4964)
contains.

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Color

**YUV(158.3120, 13.6502,
8.4964)**

Conversions

Conversions Part 1

Format	Color
Hex	A894BA
RGB	168, 148, 186
RGB Percent	66%, 58%, 73%
CMY	0.3412, 0.4196, 0.2706
CMYK	0.10, 0.20, 0.00, 0.27
HSL	272°, 22%, 65%
HSV	272°, 20%, 73%
XYZ	35.6013, 33.0498, 50.9572
YIQ	158.3120, -0.2780, 16.0580

Conversions

Conversions Part 2

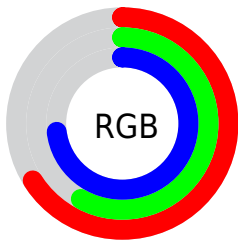
Format	Color
R_{YB}	168, 148, 186
Decimal	11048122
CIE _{Lab}	64.20, 14.73, -17.00
CIE _{LCh}	64, 22.493, 310.903
Yxy	33.0498, 0.2976, 0.2763
Android (android.graphics.Color)	4289238202 (0xFFA894BA)
YUV	158.3120, 13.6502, 8.4964
Hunter-Lab	57.4890, 9.9343, -12.3114

Details

The YUV color **158.3120, 13.6502, 8.4964** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175.6880, -13.6502, -8.4964**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8390, 14.3764, 8.9112**, and **106.7850, 12.9240, 8.0816** is the 20% darker color. If you saturate the color by 10%, you get **144.4680, 20.4753, 12.7446**, and if you desaturate by 10%, it is **172.1560, 6.8251, 4.2482**.

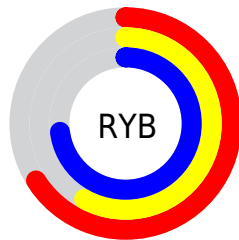
Distribution



Red (66%)

Green (58%)

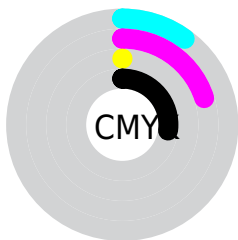
Blue (73%)



Red (66%)

Yellow (58%)

Blue (73%)

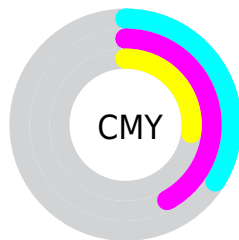


Cyan (10%)

Magenta (20%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (42%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3120, 13.6502, 8.4964 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 158.3120, 13.6502, 8.4964 by changing the saturation by 10% instead.

■ 158.3120, 13.6502,
8.4964

■ 158.3120, 13.6502,
8.4964

255.0000, 0.0000,
0.0000

■ 131.8990, 13.3608,
7.9816

■ 212.8390, 14.3764,
8.9112

■ 106.7850, 12.9240,
8.0816

■ 239.4280, 7.6770,
11.0256

■ 82.2580, 12.1978,
7.6667

■ 59.4320, 11.6190,
6.6371

■ 37.0190, 11.3296,
6.1223

■ 15.0300, 11.3242,
7.8667

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 158.3120, 13.6502,
8.4964

■ 158.3120, 13.6502,
8.4964

■ 144.4680, 20.4753,
12.7446

■ 172.1560, 6.8251,
4.2482

■ 131.2110, 27.0110,
16.4780

■ 185.4130, 0.2894,
0.5148

■ 117.6660, 33.6887,
21.3409

■ 198.9580, -6.3883,
-4.3482

■ 104.4090, 40.2244,
25.0743

■ 212.2150,
-12.9240, -8.0816

■ 90.5650, 47.0495,
29.3225

■ 226.0590,
-19.7491, -12.3297

76.7210, 53.8745,
33.5707

236.9680,
-25.1272, -14.0039

63.4640, 60.4102,
37.3041

239.6590,
-26.4539, -8.4709

50.5060, 66.7985,
41.6522

242.0510,
-27.6331, -3.5527

244.7420,
-28.9598, 1.9803

Harmonies

Analogous

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



155.3740, 19.5356, -12.6060



158.3120, 13.6502, 8.4964



159.1200, 4.8708, 24.4508

Triad

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



158.3120, 13.6502, 8.4964



155.9200, -18.6946, 22.8722



146.6960, 7.5449, -40.0754

Complementary

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



158.3120, 13.6502, 8.4964



175.6880, -13.6502, -8.4964

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.



148.9120, -3.4076, -27.1098



158.3120, 13.6502, 8.4964



154.1200, -18.7932, 7.7878

Square

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



158.3120, 13.6502, 8.4964



157.3540, -13.4855, 32.1385



151.2040, -12.9186, -9.8259



147.0900, 16.7176, -42.1749

Rectangle

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



158.3120, 13.6502, 8.4964



158.8560, -1.4080, 31.6983



151.2040, -12.9186, -9.8259



147.5070, 4.1870, -36.4016

Sweetspot

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



158.3120, 13.6502, 8.4964



231.6890, 5.0833, 2.9037



162.8980, 11.3893, -13.0655



116.1080, 2.9048, 1.6593



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.



158.3120, 13.6502, 8.4964



198.4080, 21.4909, 13.6742



163.5800, 10.5601, 19.6623



85.2220, 3.3416, 1.5593



42.3020, 56.0531, 34.8151



7.6770, 10.0192, 6.4223

Inverse Universe

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



161.4140, 2.2609, 21.5619



203.1320, 3.3859, 34.0872



170.4200, -10.5601, -19.6623



86.1470, 0.4205, 5.1331



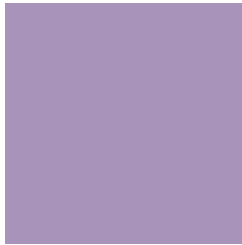
55.0800, 9.3276, 88.5068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 158.3120, 13.6502, 8.4964 looks on a white background.

Color Contrast Check

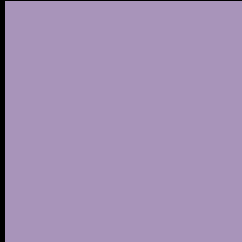
Large Text (above 18pt) WCAG AA × Fail

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 158.3120, 13.6502, 8.4964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

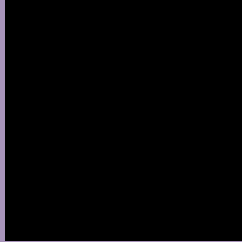
Any Text WCAG AA ✓ Pass

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 158.3120, 13.6502, 8.4964 Background



This preview shows how black text looks on a background with the YUV color 158.3120, 13.6502, 8.4964.



This preview shows how white text looks on a background with the YUV color 158.3120, 13.6502,

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

158.3120, 13.6502, 8.4964

Protanopia

156.3100, 16.6092, -7.2879

Deuteranopia

156.9580, 13.8247, -0.8402



Tritanopia

156.9560, 3.4727, 6.1776

Trichromacy



Original Color

158.3120, 13.6502, 8.4964

Protanomaly

157.1150, 15.7193, -1.8549

Deuteranomaly

157.5670, 13.5245, 2.1337

Tritanomaly

157.5800, 7.1091, 6.5073

Monochromacy



Original Color

158.3120, 13.6502, 8.4964

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3120, 13.6502, 8.4964 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(168, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(168, 148, 186)  
}
```

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(168, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 148, 186) }
```

Border

The CSS property to change the border of an element to YUV 158.3120, 13.6502, 8.4964 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(168, 148, 186) }
```


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

```
.border{ border-color:rgb(168, 148, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(168, 148,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 158.3120, 13.6502, 8.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 148, 186) }
```

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

```
.background{ background-color: rgb(168,  
148, 186) }
```

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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