

Converting Colors

YUV(158.1280, 16.2059,
28.8287)

Have a look what the booklet for
YUV(158.1280, 16.2059, 28.8287)
contains.

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Color

**YUV(158.1280, 16.2059,
28.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	BF87BF
RGB	191, 135, 191
RGB Percent	75%, 53%, 75%
CMY	0.2510, 0.4706, 0.2510
CMYK	0.00, 0.29, 0.00, 0.25
HSL	300°, 30%, 64%
HSV	300°, 29%, 75%
XYZ	39.5538, 32.1659, 53.4141
YIQ	158.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

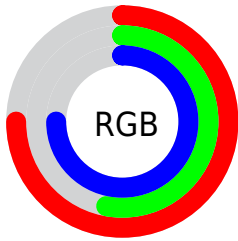
Format	Color
RYB	191, 135, 191
Decimal	12552127
CIELab	63.48, 30.71, -20.70
CIELCh	63, 37.036, 326.017
Yxy	32.1659, 0.3161, 0.2571
Android (android.graphics.Color)	4290742207 (0xFFBF87BF)
YUV	158.1280, 16.2059, 28.8287
Hunter-Lab	56.7150, 25.2371, -16.1388

Details

The YUV color **158.1280, 16.2059, 28.8287** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.8720, -16.2059, -28.8287**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2530, 16.6373, 30.4731**, and **105.8890, 15.3377, 27.2843** is the 20% darker color. If you saturate the color by 10%, you get **146.9750, 21.7043, 38.6099**, and if you desaturate by 10%, it is **169.2810, 10.7075, 19.0476**.

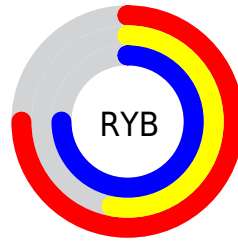
Distribution



Red (75%)

Green (53%)

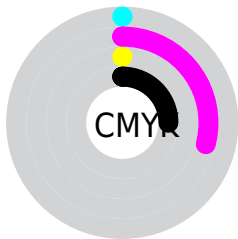
Blue (75%)



Red (75%)

Yellow (53%)

Blue (75%)

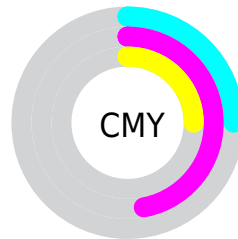


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.1280, 16.2059, 28.8287 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 158.1280, 16.2059, 28.8287 by changing the saturation by 10% instead.


 158.1280, 16.2059,
28.8287


 158.1280, 16.2059,
28.8287

255.0000, 0.0000,
0.0000


 131.4160, 16.0639,
27.6992


 213.2530, 16.6373,
30.4731


 105.8890, 15.3377,
27.2843


 232.6940, 10.9969,
19.5624

 81.1770, 15.1957,
26.1548

 249.7170, 2.6045,
4.6332

 57.0520, 14.7644,
24.5104

 33.1660, 15.2012,
24.4104

 16.4490, 12.5966,
19.7772

 2.2800, 8.7360,

-1.9996

0.0000, 0.0000,
0.0000

158.1280, 16.2059,
28.8287

158.1280, 16.2059,
28.8287

146.9750, 21.7043,
38.6099

169.2810, 10.7075,
19.0476

135.8220, 27.2028,
48.3911

180.4340, 5.2090,
9.2664

124.6690, 32.7012,
58.1723

191.5870, -0.2894,
-0.5148

113.5160, 38.1996,
67.9535

202.7400, -5.7878,
-10.2960

102.3630, 43.6980,
77.7346

214.4800,
-11.5756, -20.5920

■ 90.6230, 49.4859,
88.0306

■ 225.6330,
-17.0741, -30.3731

■ 79.4700, 54.9843,
97.8118

■ 228.5680,
-18.5210, -32.9471

■ 78.8830, 55.2737,
98.3266

Harmonies

Analogous

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



155.7200, 28.2390, -4.1394



158.1280, 16.2059, 28.8287



156.9490, 1.0111, 49.1567

Triad

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



158.1280, 16.2059, 28.8287



151.4890, -31.7931, 24.1271



121.1250, 30.0114, -106.2266

Complementary

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



158.1280, 16.2059, 28.8287



167.8720, -16.2059, -28.8287

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.



134.8900, 6.4632, -66.5555



158.1280, 16.2059, 28.8287



148.1760, -27.2018, -1.9084

Square

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



158.1280, 16.2059, 28.8287



153.9890, -26.6166, 43.8596



143.2460, -13.4323, -31.7877



127.7210, 39.5775, -94.4713

Rectangle

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



158.1280, 16.2059, 28.8287



155.9360, -9.3354, 54.4301



143.2460, -13.4323, -31.7877



121.6650, 24.3222, -101.4382

Sweetspot

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



158.1280, 16.2059, 28.8287



234.0860, 6.3666, 11.3256



141.3840, 24.4607, -5.5988



116.7820, 4.0515, 7.2072



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.



158.1280, 16.2059, 28.8287



196.5180, 24.8876, 44.2727



154.9360, 3.9756, 31.6281



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Inverse Universe

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



158.1280, 16.2059, 28.8287



196.5180, 24.8876, 44.2727



171.0640, -3.9756, -31.6281



88.7170, 2.6045, 4.6332



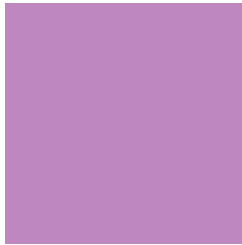
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 158.1280, 16.2059, 28.8287 looks on a white background.

Color Contrast Check

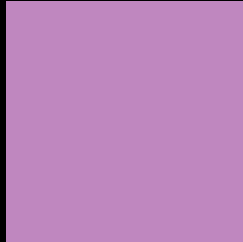
Large Text (above 18pt) WCAG AA × Fail

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 158.1280, 16.2059, 28.8287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

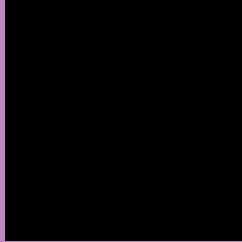
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.1280, 16.2059, 28.8287

Background



This preview shows how black text looks on a background with the YUV color 158.1280, 16.2059, 28.8287.



This preview shows how white text looks on a background with the YUV color 158.1280, 16.2059,

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

158.1280, 16.2059, 28.8287

Protanopia

154.2260, 24.0456, -12.4762

Deuteranopia

155.5170, 16.0141, -3.0844



Tritanopia

156.4100, -1.6811, 25.9504

Trichromacy



Original Color

158.1280, 16.2059, 28.8287

Protanomaly

155.9290, 21.2340, 2.6933

Deuteranomaly

156.2950, 16.1236, 8.5113

Tritanomaly

156.8430, 5.0074, 27.3247

Monochromacy



Original Color

158.1280, 16.2059, 28.8287

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1280, 16.2059, 28.8287 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(191, 135, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 135, 191)  
}
```

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(191, 135, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 135, 191) }
```

Border

The CSS property to change the border of an element to YUV 158.1280, 16.2059, 28.8287 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(191, 135, 191) }
```


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

```
.border{ border-color:rgb(191, 135, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 135, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 135, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 135, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 135,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 158.1280, 16.2059, 28.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 135, 191) }
```

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

```
.background{ background-color: rgb(191,  
135, 191) }
```

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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