

Converting Colors

YUV(156.9820, -5.9071,
28.0798)

Have a look what the booklet for
YUV(156.9820, -5.9071, 28.0798)
contains.

YUV(156.9820, -5.9071, 28.0798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.9820, -5.9071,
28.0798)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8F91
RGB	189, 143, 145
RGB Percent	74%, 56%, 57%
CMY	0.2588, 0.4392, 0.4314
CMYK	0.00, 0.24, 0.23, 0.26
HSL	357°, 26%, 65%
HSV	357°, 24%, 74%
XYZ	35.9196, 32.5081, 31.1696
YIQ	156.9820, 26.7740, 10.3740

Conversions

Conversions Part 2

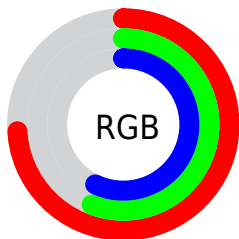
Format	Color
R _Y B	189, 143, 145
Decimal	12423057
CIE Lab	63.76, 17.70, 5.71
CIE LCh	64, 18.595, 17.872
Yxy	32.5081, 0.3606, 0.3264
Android (android.graphics.Color)	4290613137 (0xFFBD8F91)
YUV	156.9820, -5.9071, 28.0798
Hunter-Lab	57.0159, 12.6759, 7.4983

Details

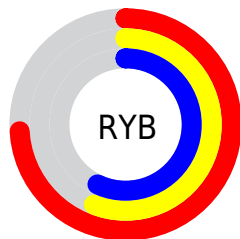
The YUV color **156.9820, -5.9071, 28.0798** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175.0180, 5.9071, -28.0798**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8790, -6.3493, 29.9241**, and **105.1990, -5.0281, 26.1355** is the 20% darker color. If you saturate the color by 10%, you get **143.7770, -8.2711, 39.6606**, and if you desaturate by 10%, it is **170.1870, -3.5432, 16.4990**.

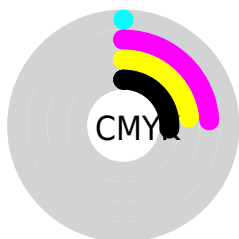
Distribution



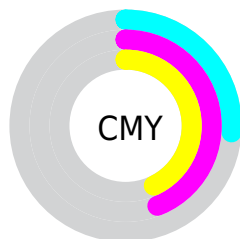
- Red (74%)
- Green (56%)
- Blue (57%)



- Red (74%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (26%)





- Cyan (26%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9820, -5.9071, 28.0798 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 156.9820, -5.9071, 28.0798 by changing the saturation by 10% instead.


 156.9820, -5.9071,
28.0798


 156.9820, -5.9071,
28.0798


255.0000, 0.0000,
0.0000

 130.6830, -5.7597,
27.4650


 211.8790, -6.3493,
29.9241


 105.1990, -5.0281,
26.1355


 234.1980, -3.5486,
18.2434

 81.1880, -5.0227,
24.3911

254.4130, 0.2894,
0.5148

 57.7040, -4.2911,
23.0616

 34.9210, -3.4121,
21.1173

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 156.9820, -5.9071,
28.0798

■ 156.9820, -5.9071,
28.0798

■ 143.7770, -8.2711,
39.6606

■ 170.1870, -3.5432,
16.4990

■ 130.5720,
-10.6350, 51.2414

■ 183.3920, -1.1793,
4.9182

■ 117.3670,
-12.9989, 62.8221

■ 196.5970, 1.1847,
-6.6626

■ 104.1620,
-15.3629, 74.4029

■ 209.8020, 3.5486,
-18.2434

■ 91.5440, -18.0162,
85.4689

■ 223.0070, 5.9125,
-29.8241

■ 78.3390, -20.3801,
97.0497

■ 235.0380, 8.8553,
-40.3753

■ 65.0200, -23.1809,
108.7305

■ 235.2660, 9.7289,
-40.5753

■ 57.4230, -24.3655,
115.3930

Harmonies

Analogous

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



157.4250, 2.2555, 23.3063



156.9820, -5.9071, 28.0798



155.9510, -12.3008, 25.4760

Triad

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



156.9820, -5.9071, 28.0798



150.8170, -9.2768, -11.2405



151.9230, 16.8000, -21.8575

Complementary

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



156.9820, -5.9071, 28.0798



175.0180, 5.9071, -28.0798

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.



148.8740, 14.3591, -32.3385



156.9820, -5.9071, 28.0798



148.9060, -0.9397, -25.3506

Square

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



156.9820, -5.9071, 28.0798



152.5370, -14.5617, 3.9141



147.8540, 7.9600, -33.1980



155.5660, 15.0040, -5.7584

Rectangle

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



156.9820, -5.9071, 28.0798



154.8210, -15.1948, 20.3280



147.8540, 7.9600, -33.1980



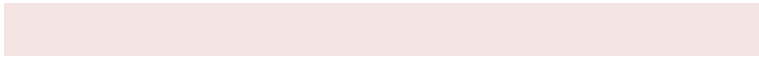
151.1890, 16.6688, -26.4758

Sweetspot

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



156.9820, -5.9071, 28.0798



233.0830, -2.5059, 10.4512



161.4000, 13.6068, 22.4512



115.6910, -1.3267, 5.5330



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.



156.9820, -5.9071, 28.0798



195.5710, -9.1555, 43.3492



169.0810, -12.8579, 17.4690



87.6910, -1.3267, 5.5330



48.0400, -20.2327, 96.4349



9.3830, -4.1328, 18.9581

Inverse Universe

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



156.9820, -5.9071, 28.0798



195.5710, -9.1555, 43.3492



162.9190, 12.8579, -17.4690



87.6910, -1.3267, 5.5330



48.0400, -20.2327, 96.4349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 156.9820, -5.9071, 28.0798 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 156.9820, -5.9071, 28.0798 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 156.9820, -5.9071, 28.0798

Background



This preview shows how black text looks on a background with the YUV color 156.9820, -5.9071, 28.0798.



This preview shows how white text looks on a background with the YUV color 156.9820, -5.9071,

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

156.9820, -5.9071, 28.0798

Protanopia

154.8540, -1.9000, 2.7590

Deuteranopia

155.9050, -5.8692, 15.8693



Tritanopia

157.6060, -2.2708, 28.4095

Trichromacy



Original Color

156.9820, -5.9071, 28.0798

Protanomaly

155.5670, -3.2375, 11.7807

Deuteranomaly

156.2260, -6.0274, 19.9728

Tritanomaly

157.2640, -3.5812, 28.7095

Monochromacy



Original Color

156.9820, -5.9071, 28.0798

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1970, -2.0691, 10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9820, -5.9071, 28.0798 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(189, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 145)  
}
```

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(189, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 145) }
```

Border

The CSS property to change the border of an element to YUV 156.9820, -5.9071, 28.0798 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(189, 143, 145) }
```


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

```
.border{ border-color:rgb(189, 143, 145) }
```

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

Here you see how a box with a 4 pixel rgb(189, 143, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 156.9820, -5.9071, 28.0798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 145) }
```

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

```
.background{ background-color: rgb(189,  
143, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor