

Converting Colors

YUV(156.1170, 16.2113,
27.0844)

Have a look what the booklet for
YUV(156.1170, 16.2113, 27.0844)
contains.

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Color

**YUV(156.1170, 16.2113,
27.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	BB86BD
RGB	187, 134, 189
RGB Percent	73%, 53%, 74%
CMY	0.2667, 0.4745, 0.2588
CMYK	0.01, 0.29, 0.00, 0.26
HSL	298°, 29%, 63%
HSV	298°, 29%, 74%
XYZ	38.2039, 31.2891, 52.1699
YIQ	156.1170, 13.9330, 28.3410

Conversions

Conversions Part 2

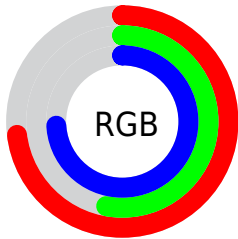
Format	Color
R _Y B	187, 134, 189
Decimal	12289725
CIE Lab	62.75, 29.56, -20.72
CIE LCh	63, 36.098, 324.964
Yxy	31.2891, 0.3140, 0.2572
Android (android.graphics.Color)	4290479805 (0xFFBB86BD)
YUV	156.1170, 16.2113, 27.0844
Hunter-Lab	55.9367, 24.0237, -16.1418

Details

The YUV color **156.1170, 16.2113, 27.0844** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166.8830, -16.2113, -27.0844**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2420, 16.6427, 28.7288**, and **103.9920, 15.7799, 25.4400** is the 20% darker color. If you saturate the color by 10%, you get **144.6650, 21.8572, 36.2508**, and if you desaturate by 10%, it is **167.5690, 10.5655, 17.9180**.

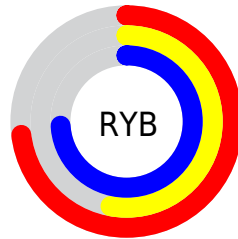
Distribution



Red (73%)

Green (53%)

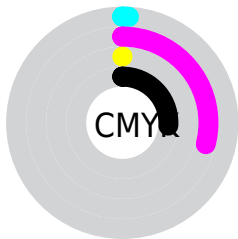
Blue (74%)



Red (73%)

Yellow (53%)

Blue (74%)

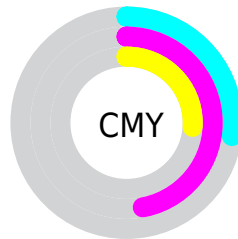


Cyan (1%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1170, 16.2113, 27.0844 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 156.1170, 16.2113, 27.0844 by changing the saturation by 10% instead.

■ 156.1170, 16.2113,
27.0844

■ 156.1170, 16.2113,
27.0844

255.0000, 0.0000,
0.0000

■ 129.7040, 15.9219,
26.5696

■ 211.2420, 16.6427,
28.7288

■ 103.9920, 15.7799,
25.4400

■ 232.1070, 11.2862,
20.0772

■ 79.1660, 15.2012,
24.4104

■ 248.5430, 3.1833,
5.6628

■ 55.4540, 15.0592,
23.2808

■ 32.0410, 14.7698,
22.7660

■ 15.6230, 12.0179,
18.7476

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 156.1170, 16.2113,
27.0844

■ 156.1170, 16.2113,
27.0844

■ 144.6650, 21.8572,
36.2508

■ 167.5690, 10.5655,
17.9180

■ 133.5120, 27.3556,
46.0320

■ 178.7220, 5.0671,
8.1368

■ 122.0600, 33.0014,
55.1984

■ 190.1740, -0.5788,
-1.0296

■ 110.6080, 38.6473,
64.3648

■ 201.6260, -6.2246,
-10.1960

■ 99.4550, 44.1457,
74.1460

■ 212.7790,
-11.7230, -19.9772

■ 88.5900, 49.5021,
82.7976

■ 223.6440,
-17.0795, -28.6288

■ 77.1380, 55.1480,
91.9640

■ 228.6390,
-19.5420, -32.1324

■ 75.9640, 55.7267,
92.9936

■ 228.9380,
-19.6894, -31.5176

Harmonies

Analogous

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



153.0080, 28.0971, -5.2690



156.1170, 16.2113, 27.0844



155.1660, 1.8902, 47.2124

Triad

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



156.1170, 16.2113, 27.0844



150.0160, -31.0669, 24.5420



118.9080, 29.1324, -104.2823

Complementary

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



156.1170, 16.2113, 27.0844



166.8830, -16.2113, -27.0844

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.



134.5700, 5.1420, -62.7669



156.1170, 16.2113, 27.0844



146.5890, -26.9124, -1.3936

Square

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



156.1170, 16.2113, 27.0844



152.2170, -25.7430, 43.6597



142.1430, -13.8745, -29.9434



127.7710, 37.0879, -89.2532

Rectangle

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



156.1170, 16.2113, 27.0844



154.1530, -8.4564, 52.4858



142.1430, -13.8745, -29.9434



124.8190, 20.7952, -90.1723

Sweetspot

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



156.1170, 16.2113, 27.0844



231.7870, 6.5140, 10.7108



142.0310, 23.1557, -7.0432



114.3690, 3.7621, 6.6924



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.



156.1170, 16.2113, 27.0844



193.6210, 25.3298, 42.4284



153.8650, 4.9966, 30.8134



88.7170, 2.6045, 4.6332



63.4600, 46.6082, 77.6496



12.2050, 9.2659, 14.7292

Inverse Universe

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



150.6730, -7.2338, 33.6128



185.0560, -11.3666, 52.5709



169.1350, -4.9966, -30.8134



87.6910, -1.3267, 5.5330



47.9260, -20.6695, 96.5349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 156.1170, 16.2113, 27.0844 looks on a white background.

Color Contrast Check

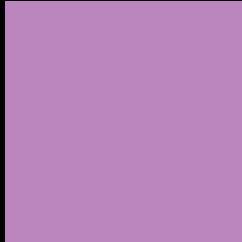
Large Text (above 18pt) WCAG AA × Fail

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 156.1170, 16.2113, 27.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

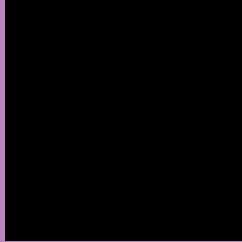
Any Text WCAG AA ✓ Pass

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 156.1170, 16.2113, 27.0844 Background



This preview shows how black text looks on a background with the YUV color 156.1170, 16.2113, 27.0844.



This preview shows how white text looks on a background with the YUV color 156.1170, 16.2113,

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

156.1170, 16.2113, 27.0844

Protanopia

152.2260, 24.0456, -12.4762

Deuteranopia

153.5170, 16.0141, -3.0844



Tritanopia

154.5130, -1.2389, 24.1061

Trichromacy



Original Color

156.1170, 16.2113, 27.0844

Protanomaly

153.6300, 21.3814, 2.0785

Deuteranomaly

154.5830, 15.9816, 7.3817

Tritanomaly

154.8320, 5.0128, 25.5803

Monochromacy



Original Color

156.1170, 16.2113, 27.0844

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1170, 16.2113, 27.0844 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(187, 134, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 134, 189)  
}
```

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(187, 134, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 134, 189) }
```

Border

The CSS property to change the border of an element to YUV 156.1170, 16.2113, 27.0844 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(187, 134, 189) }
```


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

```
.border{ border-color:rgb(187, 134, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 134, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 134, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 134, 189);  
box-shadow:4px 4px 4px 4px rgb(187, 134,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 156.1170, 16.2113, 27.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 134, 189) }
```

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

```
.background{ background-color: rgb(187,  
134, 189) }
```

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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