

Converting Colors

YUV(156.0100, 48.8021,
27.1782)

Have a look what the booklet for
YUV(156.0100, 48.8021, 27.1782)
contains.

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Color

**YUV(156.0100, 48.8021,
27.1782)**

Conversions

Conversions Part 1

Format	Color
Hex	BB79FF
RGB	187, 121, 255
RGB Percent	73%, 47%, 100%
CMY	0.2667, 0.5255, 0.0000
CMYK	0.27, 0.53, 0.00, 0.00
HSL	270°, 100%, 74%
HSV	270°, 53%, 100%
XYZ	45.3809, 31.4595, 98.2882
YIQ	156.0100, -3.6780, 55.6660

Conversions

Conversions Part 2

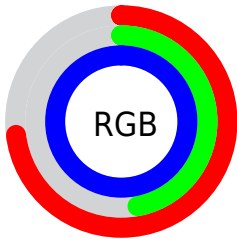
Format	Color
R_{YB}	187, 121, 255
Decimal	12286463
CIE _{Lab}	62.89, 50.74, -57.27
CIE _{LCh}	63, 76.509, 311.539
Yxy	31.4595, 0.2591, 0.1796
Android (android.graphics.Color)	4290476543 (0xFFBB79FF)
YUV	156.0100, 48.8021, 27.1782
Hunter-Lab	56.0888, 46.2672, -64.6357

Details

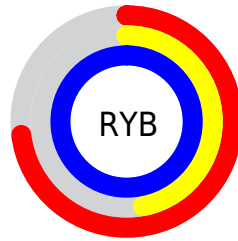
The YUV color **156.0100, 48.8021, 27.1782** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **219.9900, -48.8021, -27.1782**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3490, 24.4779, 35.6509**, and **101.8310, 46.9183, 24.7042** is the 20% darker color. If you saturate the color by 10%, you get **137.4480, 57.9531, 32.0561**, and if you desaturate by 10%, it is **175.1590, 39.3616, 21.7856**.

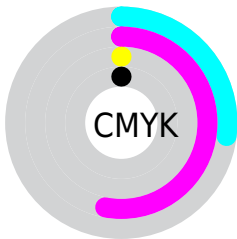
Distribution



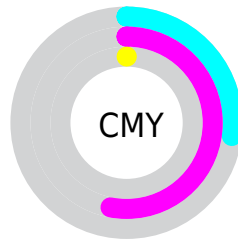
- Red (73%)
- Green (47%)
- Blue (100%)



- Red (73%)
- Yellow (47%)
- Blue (100%)



- Cyan (27%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.0100, 48.8021, 27.1782 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 156.0100, 48.8021, 27.1782 by changing the saturation by 10% instead.


 156.0100, 48.8021,
27.1782


 156.0100, 48.8021,
27.1782


255.0000, 0.0000,
0.0000


 128.7710, 47.9339,
25.6338


 205.3490, 24.4779,
35.6509


 101.8310, 46.9183,
24.7042


 224.4760, 15.0483,
26.7695

 75.7060, 46.4869,
23.0598

 241.4990, 6.6560,
11.8404

 47.2330, 47.2131,
23.4747

 26.3800, 44.1827,
15.4527

 13.0650, 38.4220,
-3.5650

 7.6380, 29.2655,

-6.6985

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 156.0100, 48.8021,
27.1782

■ 156.0100, 48.8021,
27.1782

■ 137.4480, 57.9531,
32.0561

■ 175.1590, 39.3616,
21.7856

■ 118.2990, 67.3936,
37.4488

■ 193.7210, 30.2105,
16.9077

■ 99.1500, 76.8340,
42.8414

■ 212.2830, 21.0595,
12.0298

■ 80.5880, 85.9851,
47.7193

■ 231.4320, 11.6190,
6.6371

■ 66.7440, 92.8102,
51.9675

■ 250.5810, 2.1786,
1.2445

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



118.2940, 67.3961, -103.7438



156.0100, 48.8021, 27.1782



148.5760, 23.8730, 89.8258

Triad

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



156.0100, 48.8021, 27.1782



142.6550, -70.3289, 64.3236



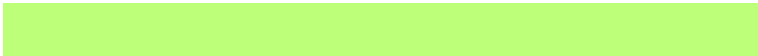
127.5990, 24.3547, -111.9043

Complementary

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



156.0100, 48.8021, 27.1782



219.9900, -48.8021, -27.1782

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.



117.7440, -5.7898, -103.2615



156.0100, 48.8021, 27.1782



139.7000, -68.8721, 16.9261

Square

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



156.0100, 48.8021, 27.1782



143.4150, -39.1516, 97.8600



128.7600, -46.7167, -42.7625



133.7210, 52.8885, -117.2733

Rectangle

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



156.0100, 48.8021, 27.1782



137.5980, 7.1002, 102.9616



128.7600, -46.7167, -42.7625



124.3900, 14.5977, -109.0900

Sweetspot

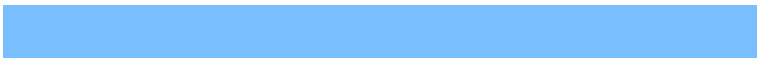
The Sweet Spot groups the original color and five complimentary colors.



156.0100, 48.8021, 27.1782



224.6540, 14.9606, 8.1964



176.7790, 38.5630, -48.9182



109.4380, 9.1511, 4.8779



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



156.0100, 48.8021, 27.1782



135.9750, 58.6793, 32.4709



175.7440, 39.0732, 67.7535



118.2760, 4.7939, 2.3889



49.8800, 69.5722, 38.6932



16.5650, 23.3855, 12.6595

Inverse Universe

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



168.8180, 9.9497, 75.5816



151.4870, 12.0849, 90.7809



200.2560, -39.0732, -67.7535



119.5710, 0.7045, 7.3922



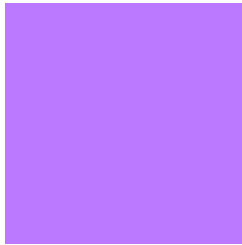
68.1670, 14.2147, 107.7245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 156.0100, 48.8021, 27.1782 looks on a white background.

Color Contrast Check

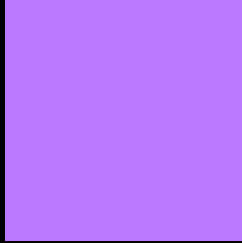
Large Text (above 18pt) WCAG AA × Fail

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 156.0100, 48.8021, 27.1782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

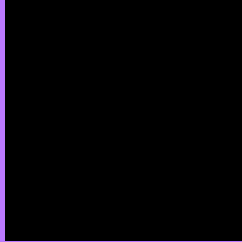
Any Text WCAG AA ✓ Pass

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 156.0100, 48.8021, 27.1782 Background



This preview shows how black text looks on a background with the YUV color 156.0100, 48.8021, 27.1782.



This preview shows how white text looks on a background with the YUV color 156.0100, 48.8021, 27.1782.

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

156.0100, 48.8021, 27.1782

Protanopia

148.5260, 52.4917, -36.4183

Deuteranopia

145.8900, 50.3402, -46.3845



Tritanopia

154.1310, 1.4144, 13.0401

Trichromacy



Original Color

156.0100, 48.8021, 27.1782



Protanomaly

151.3270, 51.1108, -13.4418



Deuteranomaly

149.3540, 50.1115, -19.6045



Tritanomaly

155.0450, 18.7118, 18.3775

Monochromacy



Original Color

156.0100, 48.8021, 27.1782



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.7620, 17.8653, 9.8557

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0100, 48.8021, 27.1782 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, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 121, 255)  
}
```

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, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 121, 255) }
```

Border

The CSS property to change the border of an element to YUV 156.0100, 48.8021, 27.1782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

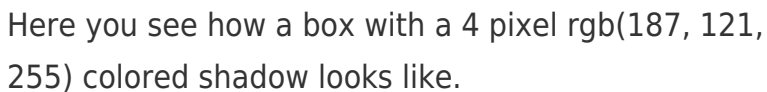
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 121, 255) }
```


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

```
.border{ border-color:rgb(187, 121, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 121, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 121, 255); box-shadow:4px 4px 4px 4px rgb(187, 121, 255) }
```

Background

The CSS property to change the background color of an element to YUV 156.0100, 48.8021, 27.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 121, 255) }
```

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

```
.background{ background-color: rgb(187,  
121, 255) }
```

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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