

Converting Colors

YUV(156.0120, 42.3921,
29.8075)

Have a look what the booklet for
YUV(156.0120, 42.3921, 29.8075)
contains.

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Color

**YUV(156.0120, 42.3921,
29.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7AF2
RGB	190, 122, 242
RGB Percent	75%, 48%, 95%
CMY	0.2549, 0.5216, 0.0510
CMYK	0.21, 0.50, 0.00, 0.05
HSL	274°, 82%, 71%
HSV	274°, 50%, 95%
XYZ	44.2218, 31.2770, 87.7107
YIQ	156.0120, 2.0080, 51.7360

Conversions

Conversions Part 2

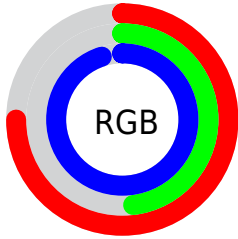
Format	Color
R _{YB}	190, 122, 242
Decimal	12483314
CIE _{Lab}	62.74, 48.04, -50.33
CIE _{LCh}	63, 69.577, 313.664
Yxy	31.2770, 0.2710, 0.1916
Android (android.graphics.Color)	4290673394 (0xFFBE7AF2)
YUV	156.0120, 42.3921, 29.8075
Hunter-Lab	55.9259, 43.2734, -53.8387

Details

The YUV color **156.0120, 42.3921, 29.8075** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **207.9880, -42.3921, -29.8075**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5340, 23.8937, 36.3657**, and **102.2460, 40.7977, 27.8483** is the 20% darker color. If you saturate the color by 10%, you get **138.9340, 50.8115, 36.0149**, and if you desaturate by 10%, it is **173.0900, 33.9726, 23.6001**.

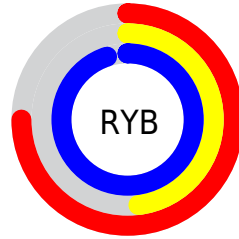
Distribution



Red (75%)

Green (48%)

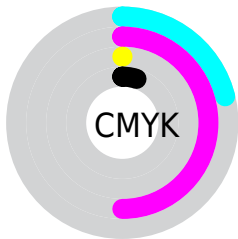
Blue (95%)



Red (75%)

Yellow (48%)

Blue (95%)

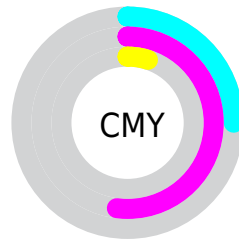


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (52%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.0120, 42.3921, 29.8075 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 156.0120, 42.3921, 29.8075 by changing the saturation by 10% instead.

156.0120, 42.3921,
29.8075

156.0120, 42.3921,
29.8075

255.0000, 0.0000,
0.0000

129.0720, 41.3765,
28.8779

206.5340, 23.8937,
36.3657

102.2460, 40.7977,
27.8483

225.0630, 14.7589,
26.2547

76.1210, 40.3663,
26.2039

242.0860, 6.3666,
11.3256

48.5340, 40.6557,
26.7187

27.5180, 38.1986,
21.4707

16.7090, 31.6955,
7.2712

6.4980, 24.8975,

-5.6987

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 156.0120, 42.3921,
29.8075

■ 156.0120, 42.3921,
29.8075

■ 138.9340, 50.8115,
36.0149

■ 173.0900, 33.9726,
23.6001

■ 121.5570, 59.3784,
41.6075

■ 190.4670, 25.4058,
18.0074

■ 103.8920, 68.0872,
48.3297

■ 208.1320, 16.6969,
11.2852

■ 86.5150, 76.6541,
53.9223

■ 225.5090, 8.1301,
5.6926

■ 69.4370, 85.0736,
60.1298

■ 242.5870, -0.2894,
-0.5148

■ 68.5510, 85.5104,
60.0298

■ 252.9200, -5.3836,
0.0702

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



136.8650, 58.2406, -60.3946



156.0120, 42.3921, 29.8075



150.4520, 18.5112, 82.9186

Triad

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



156.0120, 42.3921, 29.8075



143.4630, -65.7973, 57.4759



126.0660, 26.0965, -110.5599

Complementary

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



156.0120, 42.3921, 29.8075



207.9880, -42.3921, -29.8075

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.



117.5960, -1.2798, -103.1317



156.0120, 42.3921, 29.8075



139.0910, -68.5719, 13.9522

Square

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



156.0120, 42.3921, 29.8075



145.5880, -38.2509, 88.9383



131.3500, -38.1335, -42.4029



131.3900, 51.5727, -115.2290

Rectangle

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



156.0120, 42.3921, 29.8075



144.0720, 1.4435, 97.2839



131.3500, -38.1335, -42.4029



123.6720, 16.9237, -108.4603

Sweetspot

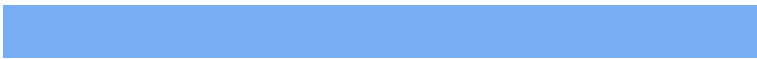
The Sweet Spot groups the original color and five complimentary colors.



156.0120, 42.3921, 29.8075



227.6110, 13.5028, 9.1112



166.2040, 37.3674, -38.7669



111.5090, 8.1301, 5.6926



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.



156.0120, 42.3921, 29.8075



145.4550, 54.0057, 38.1890



170.6480, 31.2325, 62.5757



111.4610, 4.2097, 3.1037



52.0720, 65.0405, 45.5409



15.9520, 19.7437, 14.0741

Inverse Universe

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



163.8080, 5.0247, 68.5744



155.2710, 6.2754, 87.4623



193.3520, -31.2325, -62.5757



112.1580, 0.4151, 6.8774



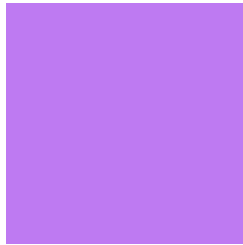
64.1360, 7.8210, 105.1207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 156.0120, 42.3921, 29.8075 looks on a white background.

Color Contrast Check

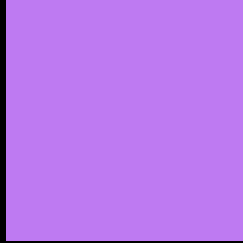
Large Text (above 18pt) WCAG AA × Fail

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 156.0120, 42.3921, 29.8075 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 156.0120, 42.3921, 29.8075

Background



This preview shows how black text looks on a background with the YUV color 156.0120, 42.3921, 29.8075.



This preview shows how white text looks on a background with the YUV color 156.0120, 42.3921, 29.8075.

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

156.0120, 42.3921, 29.8075

Protanopia

148.5260, 52.4917, -36.4183

Deuteranopia

148.4200, 43.1769, -35.4483



Tritanopia

153.8220, 0.0878, 18.5731

Trichromacy



Original Color

156.0120, 42.3921, 29.8075

Protanomaly

151.0560, 48.7794, -12.3271

Deuteranomaly

151.1610, 42.8116, -11.5422

Tritanomaly

154.2690, 15.6434, 22.5661

Monochromacy



Original Color

156.0120, 42.3921, 29.8075

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0780, 15.2445, 10.4556

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0120, 42.3921, 29.8075 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(190, 122, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 122, 242)  
}
```

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(190, 122, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 122, 242) }
```

Border

The CSS property to change the border of an element to YUV 156.0120, 42.3921, 29.8075 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(190, 122, 242) }
```


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

```
.border{ border-color:rgb(190, 122, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 122, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 122, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 122, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 122,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 156.0120, 42.3921, 29.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 122, 242) }
```

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

```
.background{ background-color: rgb(190,  
122, 242) }
```

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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