

Converting Colors

YUV(101.4200, 60.4319,
30.3267)

Have a look what the booklet for
YUV(101.4200, 60.4319, 30.3267)
contains.

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Color

**YUV(101.4200, 60.4319,
30.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	883CE0
RGB	136, 60, 224
RGB Percent	53%, 24%, 88%
CMY	0.4667, 0.7647, 0.1216
CMYK	0.39, 0.73, 0.00, 0.12
HSL	268°, 73%, 56%
HSV	268°, 73%, 88%
XYZ	25.2237, 13.8478, 71.8645
YIQ	101.4200, -7.3480, 67.1160

Conversions

Conversions Part 2

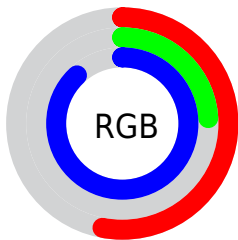
Format	Color
R_{YB}	136, 60, 224
Decimal	8928480
CIE _{Lab}	44.01, 62.63, -70.66
CIE _{LCh}	44, 94.423, 311.553
Yxy	13.8478, 0.2274, 0.1248
Android (android.graphics.Color)	4287118560 (0xFF883CE0)
YUV	101.4200, 60.4319, 30.3267
Hunter-Lab	37.2126, 55.8703, -88.4512

Details

The YUV color **101.4200, 60.4319, 30.3267** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **182.5800, -60.4319, -30.3267**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2930, 49.6486, 35.7000**, and **41.7620, 61.7423, 30.0267** is the 20% darker color. If you saturate the color by 10%, you get **84.9180, 68.5674, 34.2749**, and if you desaturate by 10%, it is **117.9220, 52.2965, 26.3784**.

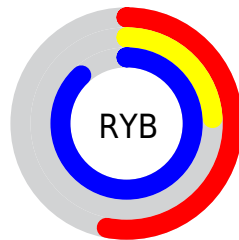
Distribution



Red (53%)

Green (24%)

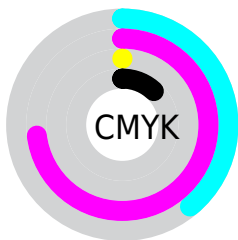
Blue (88%)



Red (53%)

Yellow (24%)

Blue (88%)

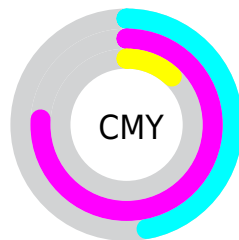


Cyan (39%)

Magenta (73%)

Yellow (0%)

Black (12%)



Cyan (47%)

Magenta (76%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.4200, 60.4319, 30.3267 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 101.4200, 60.4319, 30.3267 by changing the saturation by 10% instead.

101.4200, 60.4319,
30.3267

101.4200, 60.4319,
30.3267

255.0000, 0.0000,
0.0000

72.1210, 60.5793,
29.7119

154.2930, 49.6486,
35.7000

41.7620, 61.7423,
30.0267

179.1120, 37.4128,
40.2438

28.5180, 54.9606,
11.8237

204.5180, 24.8876,
44.2727

12.9960, 49.7950,
-11.3975

220.9540, 16.7847,
29.8583

10.0320, 38.4382,
-8.7981

237.9770, 8.3923,
14.9292

11.4050, 25.9293,
-10.0022

6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 101.4200, 60.4319,
30.3267

■ 101.4200, 60.4319,
30.3267

■ 84.9180, 68.5674,
34.2749

■ 117.9220, 52.2965,
26.3784

■ 67.8290, 76.9923,
38.7380

■ 135.0110, 43.8716,
21.9154

■ 56.6320, 82.5124,
41.5417

■ 151.5130, 35.7361,
17.9671

■ 168.6020, 27.3112,
13.5040

■ 185.1040, 19.1757,
9.5558

■ 201.6060, 11.0402,
5.6075

■ 218.6950, 2.6154,
1.1445

■ 235.1970, -5.5201,
-2.8038

■ 248.1770,
-11.9193, -3.6632

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



101.4200, 60.4319, 30.3267



81.4710, 36.7428, 115.3509

Triad

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



101.4200, 60.4319, 30.3267



97.1810, -47.9102, 60.3543



93.3470, 20.0419, -81.8653

Complementary

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



101.4200, 60.4319, 30.3267



182.5800, -60.4319, -30.3267

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.



82.4830, -16.5071, -72.3376



101.4200, 60.4319, 30.3267



95.0570, -46.8631, 4.3350

Square

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



101.4200, 60.4319, 30.3267



63.6870, -31.3977, 130.9475



73.3750, -36.1739, -64.3499



102.3700, 52.0756, -89.7785

Rectangle

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



101.4200, 60.4319, 30.3267



80.9250, 11.3760, 131.6158



73.3750, -36.1739, -64.3499



90.1550, 7.8116, -79.0659

Sweetspot

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



101.4200, 60.4319, 30.3267



213.1580, 20.6281, 10.3854



131.5260, 45.5897, -62.7283



102.6600, 12.4926, 6.4372



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.



101.4200, 60.4319, 30.3267



87.6320, 82.5124, 41.5417



125.3400, 48.6394, 79.5088



103.7490, 4.0677, 1.9741



44.5820, 64.7891, 32.8156



12.0500, 17.7233, 8.7261

Inverse Universe

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



119.0680, 14.2635, 92.0254



111.6560, 19.3966, 125.7127



158.6600, -48.6394, -79.5088



104.9730, 0.9993, 6.1627



63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 101.4200, 60.4319, 30.3267 looks on a white background.

Color Contrast Check

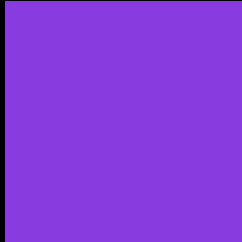
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.4200, 60.4319, 30.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

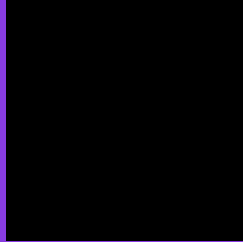
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.4200, 60.4319, 30.3267

Background



This preview shows how black text looks on a background with the YUV color 101.4200, 60.4319, 30.3267.



This preview shows how white text looks on a background with the YUV color 101.4200, 60.4319,

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

101.4200, 60.4319, 30.3267

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

83.7850, 49.4060, -73.4794



Tritanopia

104.9020, 2.0203, 5.3479

Trichromacy



Original Color

101.4200, 60.4319, 30.3267



Protanomaly

89.1700, 62.5272, -35.2291



Deuteranomaly

90.1670, 53.6547, -36.1035



Tritanomaly

103.5760, 23.3800, 14.4038

Monochromacy



Original Color

101.4200, 60.4319, 30.3267



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

101.2120, 22.0805, 11.2151

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.4200, 60.4319, 30.3267 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(136, 60, 224)` looks like.

```
.text, #text, p{  
    color:rgb(136, 60, 224)  
}
```

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(136, 60, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 60, 224) }
```

Border

The CSS property to change the border of an element to YUV 101.4200, 60.4319, 30.3267 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(136, 60, 224) }
```


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

```
.border{ border-color:rgb(136, 60, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 60, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 60, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 60, 224);  
box-shadow:4px 4px 4px 4px rgb(136, 60,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 101.4200, 60.4319, 30.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 60, 224) }
```

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

```
.background{ background-color: rgb(136, 60,  
224) }
```

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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