

Converting Colors

YUV(60.0720, 51.7295, 68.3429)

Have a look what the booklet for
YUV(60.0720, 51.7295, 68.3429)
contains.

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Color

**YUV(60.0720, 51.7295,
68.3429)**

Conversions

Conversions Part 1

Format	Color
Hex	8A00A5
RGB	138, 0, 165
RGB Percent	54%, 0%, 65%
CMY	0.4588, 1.0000, 0.3529
CMYK	0.16, 1.00, 0.00, 0.35
HSL	290°, 100%, 32%
HSV	290°, 100%, 65%
XYZ	17.2728, 8.1199, 36.2542
YIQ	60.0720, 29.2830, 80.5710

Conversions

Conversions Part 2

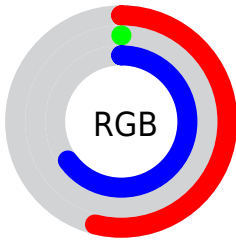
Format	Color
RYB	138, 0, 165
Decimal	9044133
CIELab	34.23, 66.70, -52.02
CIElCh	34, 84.582, 322.050
Yxy	8.1199, 0.2802, 0.1317
Android (android.graphics.Color)	4287234213 (0xFF8A00A5)
YUV	60.0720, 51.7295, 68.3429
Hunter-Lab	28.4954, 58.3325, -55.4869

Details

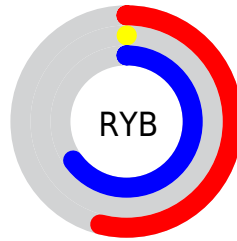
The YUV color **60.0720, 51.7295, 68.3429** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **104.9280, -51.7295, -68.3429**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9970, 45.3575, 58.7616**, and **37.2860, 36.8340, 39.2142** is the 20% darker color. If you saturate the color by 10%, you get **60.0720, 51.7295, 68.3429**, and if you desaturate by 10%, it is **70.3610, 46.6570, 61.9504**.

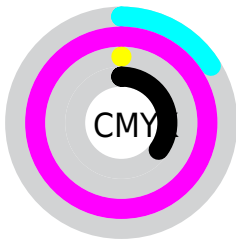
Distribution



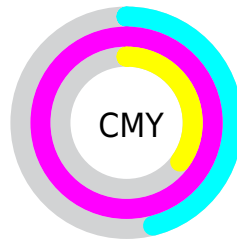
- Red (54%)
- Green (0%)
- Blue (65%)



- Red (54%)
- Yellow (0%)
- Blue (65%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (46%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.0720, 51.7295, 68.3429 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 60.0720, 51.7295, 68.3429 by changing the saturation by 10% instead.

60.0720, 51.7295,
68.3429

60.0720, 51.7295,
68.3429

255.0000, 0.0000,
0.0000

48.6220, 44.0634,
53.8285

128.9970, 45.3575,
58.7616

37.2860, 36.8340,
39.2142

157.4100, 45.6469,
59.2764

26.3630, 29.8940,
25.1146

183.9730, 35.0163,
62.2907

14.9560, 23.6857,
9.6856

200.4090, 26.9134,
47.8763

6.2070, 16.1669,
-5.4435

216.8450, 18.8104,
33.4619

2.5250, 7.1362,
-2.2144

234.4550, 10.1287,

0.0000, 0.0000,

18.0180

0.0000

251.4780, 1.7363,
3.0888

60.0720, 51.7295,
68.3429

70.3610, 46.6570,
61.9504

80.9380, 41.4426,
54.4284

91.8140, 36.0807,
47.5211

102.1030, 31.0082,
41.1287

112.0930, 26.0832,
34.1214

■ 122.9690, 20.7213,
27.2142

■ 133.2580, 15.6488,
20.8217

■ 144.1340, 10.2869,
13.9145

■ 154.1240, 5.3619,
6.9073

Harmonies

Analogous

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



66.0900, 70.4546, -57.9609



60.0720, 51.7295, 68.3429



66.6440, 17.4305, 102.9212

Triad

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



60.0720, 51.7295, 68.3429



76.3500, -37.6405, 33.0191



76.4550, 26.3977, -67.0510

Complementary

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



60.0720, 51.7295, 68.3429



104.9280, -51.7295, -68.3429

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.



67.8880, -3.8888, -59.5378



60.0720, 51.7295, 68.3429



68.6550, -33.8469, -17.2374

Square

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



60.0720, 51.7295, 68.3429



62.5150, -30.8199, 85.4943



58.7000, -28.9391, -51.4799



83.0670, 51.7320, -72.8498

Rectangle

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



60.0720, 51.7295, 68.3429



63.4220, -2.6730, 111.0089



58.7000, -28.9391, -51.4799



73.8330, 16.3513, -64.7515

Sweetspot

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



60.0720, 51.7295, 68.3429



173.4420, 19.9951, 26.7994



35.2460, 63.9687, -30.9107



82.9000, 11.8813, 15.8737



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



60.0720, 51.7295, 68.3429



77.9170, 67.0889, 88.6498



61.8750, 23.7256, 90.4406



76.1190, 2.8993, 3.4036



53.0080, 45.3521, 60.5060



6.5370, 5.6513, 7.4221

Inverse Universe

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



52.4130, -12.5286, 98.7388



67.9760, -16.2572, 128.0630



103.1250, -23.7256, -90.4406



75.9190, -0.4531, 5.3330



46.0910, -10.8909, 86.7432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 60.0720, 51.7295, 68.3429 looks on a white background.

Color Contrast Check

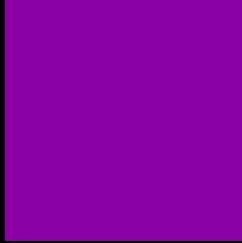
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 60.0720, 51.7295, 68.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

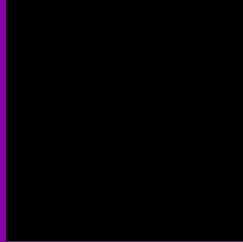
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.0720, 51.7295, 68.3429

Background



This preview shows how black text looks on a background with the YUV color 60.0720, 51.7295, 68.3429.



This preview shows how white text looks on a background with the YUV color 60.0720, 51.7295,

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



Protanopia

66.3400, 51.1044, -58.1802

Deuteranopia

66.8810, 40.4847, -58.6546

Tritanopia

83.3960, -7.0972, 36.4867

Trichromacy



Protanomaly

64.0390, 51.2528, -12.3122

Deuteranomaly

64.3180, 44.7062, -12.5569

Tritanomaly

74.7930, 14.3991, 48.4165

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7900, 18.8375, 24.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.0720, 51.7295, 68.3429 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(138, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 165)  
}
```

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(138, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 165) }
```

Border

The CSS property to change the border of an element to YUV 60.0720, 51.7295, 68.3429 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(138, 0, 165) }
```

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

```
.border{ border-color:rgb(138, 0, 165) }
```

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

Here you see how a box with a 4 pixel rgb(138, 0, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(138, 0,  
165) }
```


Background

The CSS property to change the background color of an element to YUV 60.0720, 51.7295, 68.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 165) }
```

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

```
.background{ background-color: rgb(138, 0,  
165) }
```

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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