

Converting Colors

YUV(67.7310, 32.1776, 86.1819)

Have a look what the booklet for
YUV(67.7310, 32.1776, 86.1819)
contains.

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Color

**YUV(67.7310, 32.1776,
86.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	A60585
RGB	166, 5, 133
RGB Percent	65%, 2%, 52%
CMY	0.3490, 0.9804, 0.4784
CMYK	0.00, 0.97, 0.20, 0.35
HSL	312°, 94%, 34%
HSV	312°, 97%, 65%
XYZ	20.0138, 9.9090, 23.0481
YIQ	67.7310, 54.8680, 73.9400

Conversions

Conversions Part 2

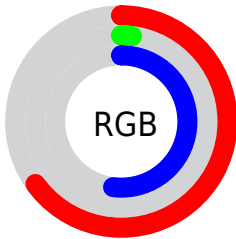
Format	Color
RYB	166, 5, 133
Decimal	10880389
CIELab	37.68, 66.09, -26.64
CIELCh	38, 71.259, 338.043
Yxy	9.9090, 0.3778, 0.1871
Android (android.graphics.Color)	4289070469 (0xFFA60585)
YUV	67.7310, 32.1776, 86.1819
Hunter-Lab	31.4785, 58.4013, -21.3762

Details

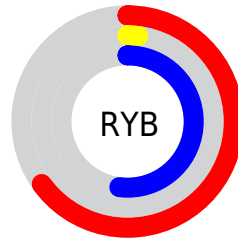
The YUV color **67.7310, 32.1776, 86.1819** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **103.2690, -32.1776, -86.1819**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6130, 24.3478, 77.5154**, and **42.0530, 20.1869, 58.7125** is the 20% darker color. If you saturate the color by 10%, you get **64.6820, 33.1878, 88.8559**, and if you desaturate by 10%, it is **78.0520, 28.5684, 77.1304**.

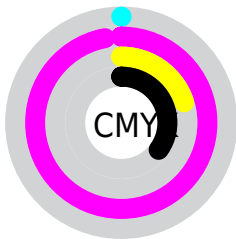
Distribution



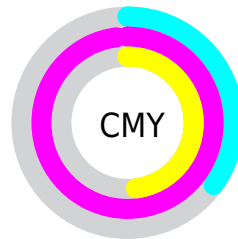
- Red (65%)
- Green (2%)
- Blue (52%)



- Red (65%)
- Yellow (2%)
- Blue (52%)



- Cyan (0%)
- Magenta (97%)
- Yellow (20%)
- Black (35%)



- Cyan (35%)
- Magenta (98%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7310, 32.1776, 86.1819 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 67.7310, 32.1776, 86.1819 by changing the saturation by 10% instead.

67.7310, 32.1776,
86.1819

67.7310, 32.1776,
86.1819

255.0000, 0.0000,
0.0000

53.2750, 26.9794,
73.4268

136.6130, 24.3478,
77.5154

42.0530, 20.1869,
58.7125

165.7980, 23.7636,
78.2302

31.0590, 14.2679,
43.7983

186.1270, 28.0384,
60.4016

21.0760, 8.3435,
30.6283

203.9310, 25.1770,
44.7875

8.3590, 2.2880,
12.8402

220.9540, 16.7847,
29.8583

0.0000, 0.0000,
0.0000

238.5640, 8.1029,

14.4144

■ 67.7310, 32.1776,
86.1819

■ 67.7310, 32.1776,
86.1819

■ 64.6820, 33.1878,
88.8559

■ 78.0520, 28.5684,
77.1304

■ 87.9000, 25.6853,
68.4937

■ 98.2210, 22.0760,
59.4422

■ 108.0690, 19.1930,
50.8055

■ 118.3900, 15.5837,
41.7540

■ 128.7110, 11.9745,
32.7025

■ 138.5590, 9.0914,
24.0658

■ 148.8800, 5.4822,
15.0142

■ 158.7280, 2.5991,
6.3775

Harmonies

Analogous

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



89.2980, 45.2091, 12.8937



67.7310, 32.1776, 86.1819



63.9790, 5.9264, 106.1354

Triad

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



67.7310, 32.1776, 86.1819



82.4090, -40.6276, 11.0423



83.8700, 37.0391, -73.5540

Complementary

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



67.7310, 32.1776, 86.1819



103.2690, -32.1776, -86.1819

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.



77.4860, 12.5784, -67.9552



67.7310, 32.1776, 86.1819



67.0280, -33.0448, -41.2436

Square

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



67.7310, 32.1776, 86.1819



82.9610, -40.8998, 51.7772



68.7710, -13.1981, -60.3122



84.6800, 55.3738, -74.2644

Rectangle

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



67.7310, 32.1776, 86.1819



58.5650, -9.6455, 107.3755



68.7710, -13.1981, -60.3122



81.9320, 29.6135, -71.8544

Sweetspot

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



67.7310, 32.1776, 86.1819



178.5370, 12.5533, 33.7321



32.9220, 65.6075, 3.5764



86.1950, 7.7919, 20.8770



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



67.7310, 32.1776, 86.1819



84.4910, 43.1419, 116.2104



58.6110, -2.7662, 94.1802



79.0760, 1.4415, 4.3183



57.7040, 29.7259, 79.1896



7.8040, 4.0406, 10.6959

Inverse Universe

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



67.7310, 32.1776, 86.1819



84.4910, 43.1419, 116.2104



112.3890, 2.7662, -94.1802



79.0760, 1.4415, 4.3183



57.7040, 29.7259, 79.1896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 67.7310, 32.1776, 86.1819 looks on a white background.

Color Contrast Check

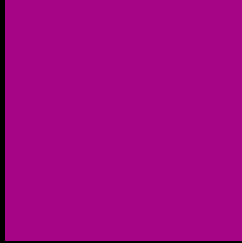
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.7310, 32.1776, 86.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

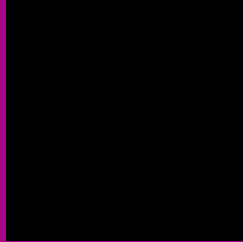
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7310, 32.1776, 86.1819

Background



This preview shows how black text looks on a background with the YUV color 67.7310, 32.1776, 86.1819.



This preview shows how white text looks on a background with the YUV color 67.7310, 32.1776,

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

67.7310, 32.1776, 86.1819

Protanopia

72.9740, 56.2148, -63.9982

Deuteranopia

91.2990, 16.6146, -9.0322



Tritanopia

84.6340, -14.6096, 66.0960

Trichromacy



Original Color

67.7310, 32.1776, 86.1819



Protanomaly

71.0240, 47.3162, -9.6680



Deuteranomaly

82.7130, 22.3265, 25.6847



Tritanomaly

78.4450, 2.2456, 73.2777

Monochromacy



Original Color

67.7310, 32.1776, 86.1819



Achromatopsia

68.0000, 0.0000, 0.0000



Achromatomaly

67.9990, 11.8325, 31.5729

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7310, 32.1776, 86.1819 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(166, 5, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 5, 133)  
}
```

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(166, 5, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 5, 133) }
```

Border

The CSS property to change the border of an element to YUV 67.7310, 32.1776, 86.1819 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(166, 5, 133) }
```


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

```
.border{ border-color:rgb(166, 5, 133) }
```

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

Here you see how a box with a 4 pixel rgb(166, 5, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 5, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 5, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 5,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 67.7310, 32.1776, 86.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 5, 133) }
```

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

```
.background{ background-color: rgb(166, 5,  
133) }
```

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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