

Converting Colors

YUV(111.4880, 60.8914,
69.7320)

Have a look what the booklet for
YUV(111.4880, 60.8914, 69.7320)
contains.

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Color

**YUV(111.4880, 60.8914,
69.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	BF2FEB
RGB	191, 47, 235
RGB Percent	75%, 18%, 92%
CMY	0.2510, 0.8157, 0.0784
CMYK	0.19, 0.80, 0.00, 0.08
HSL	286°, 82%, 55%
HSV	286°, 80%, 92%
XYZ	37.4978, 19.1076, 80.3090
YIQ	111.4880, 25.4760, 88.9960

Conversions

Conversions Part 2

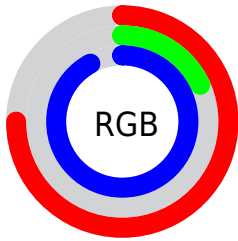
Format	Color
R _Y B	191, 47, 235
Decimal	12529643
CIE Lab	50.81, 78.73, -65.51
CIE LCh	51, 102.417, 320.236
Yxy	19.1076, 0.2739, 0.1396
Android (android.graphics.Color)	4290719723 (0xFFBF2FEB)
YUV	111.4880, 60.8914, 69.7320
Hunter-Lab	43.7122, 76.6269, -78.3304

Details

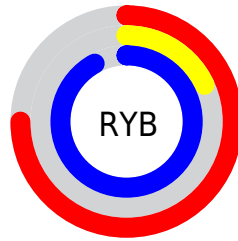
The YUV color **111.4880, 60.8914, 69.7320** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **170.5120, -60.8914, -69.7320**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2760, 42.2619, 71.6719**, and **59.7600, 58.2923, 63.3545** is the 20% darker color. If you saturate the color by 10%, you get **95.6060, 68.7212, 78.3985**, and if you desaturate by 10%, it is **127.0710, 53.2090, 60.4507**.

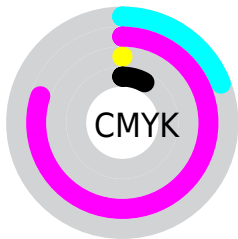
Distribution



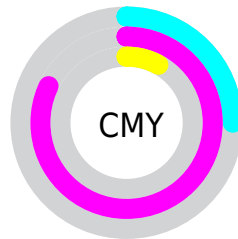
- Red (75%)
- Green (18%)
- Blue (92%)



- Red (75%)
- Yellow (18%)
- Blue (92%)



- Cyan (19%)
- Magenta (80%)
- Yellow (0%)
- Black (8%)





- Cyan (25%)
- Magenta (82%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.4880, 60.8914, 69.7320 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 111.4880, 60.8914, 69.7320 by changing the saturation by 10% instead.


 111.4880, 60.8914,
69.7320

 111.4880, 60.8914,
69.7320


255.0000, 0.0000,
0.0000


 71.6230, 66.2479,
78.3836


 169.2760, 42.2619,
71.6719


 59.7600, 58.2923,
63.3545


 187.4950, 33.2800,
59.2019


 48.0110, 50.7736,
48.2254


 204.5180, 24.8876,
44.2727

 35.9630, 43.4022,
32.4814

 222.1280, 16.2059,
28.8287

 24.6270, 36.1729,
17.8671

 239.1510, 7.8136,
13.8996

 8.3220, 31.8863,
-7.2984

 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 111.4880, 60.8914,
69.7320

■ 111.4880, 60.8914,
69.7320

■ 95.6060, 68.7212,
78.3985

■ 127.0710, 53.2090,
60.4507

■ 80.6100, 76.1143,
87.1650

■ 142.3660, 45.6686,
52.2990

■ 157.9490, 37.9861,
43.0177

■ 173.2440, 30.4457,
34.8660

■ 188.5390, 22.9053,
26.7143

■ 204.1220, 15.2229,
17.4330

■ 219.4170, 7.6824,
9.2813

■ 235.0000, 0.0000,
0.0000

■ 248.2350, -6.5249,
-7.2221

Harmonies

Analogous

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



94.8140, 78.9717, -83.1519



111.4880, 60.8914, 69.7320



93.8010, 29.6781, 141.3715

Triad

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



111.4880, 60.8914, 69.7320



114.5250, -56.4608, 49.5286



111.5050, 33.7680, -97.7899

Complementary

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



111.4880, 60.8914, 69.7320



170.5120, -60.8914, -69.7320

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.



99.2560, -5.5492, -87.0475



111.4880, 60.8914, 69.7320



105.5680, -52.0450, -13.6531

Square

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



111.4880, 60.8914, 69.7320



98.7070, -48.6626, 115.1440



86.2890, -42.5405, -75.6755



118.8810, 67.1067, -104.2586

Rectangle

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



111.4880, 60.8914, 69.7320



87.1890, 4.3438, 147.1702



86.2890, -42.5405, -75.6755



107.4980, 20.9535, -94.2757

Sweetspot

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



111.4880, 60.8914, 69.7320



215.0070, 19.7165, 22.7959



96.0210, 68.5166, -42.9914



103.5900, 12.0341, 13.5146



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.



111.4880, 60.8914, 69.7320



94.1420, 79.3030, 91.0835



119.2860, 33.8760, 101.4812



109.9450, 3.4781, 4.4332



62.1950, 58.5709, 67.3580



18.4150, 17.5434, 19.8070

Inverse Universe

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



108.2280, -8.4934, 111.1790



89.7530, -11.2172, 144.9216



162.7140, -33.8760, -101.4812



109.5170, -0.7479, 6.5626



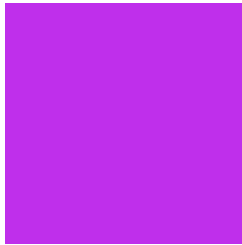
58.9070, -8.3352, 107.0756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 111.4880, 60.8914, 69.7320 looks on a white background.

Color Contrast Check

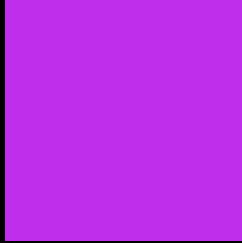
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.4880, 60.8914, 69.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

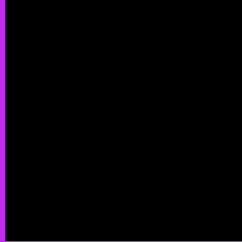
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.4880, 60.8914, 69.7320 Background



This preview shows how black text looks on a background with the YUV color 111.4880, 60.8914, 69.7320.



This preview shows how white text looks on a background with the YUV color 111.4880, 60.8914, 69.7320.

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

111.4880, 60.8914, 69.7320

Protanopia

96.8370, 74.0304, -84.9260

Deuteranopia

97.6400, 59.3375, -85.6303



Tritanopia

122.6250, -7.7031, 44.1789

Trichromacy



Original Color

111.4880, 60.8914, 69.7320



Protanomaly

102.3370, 69.3469, -29.2365



Deuteranomaly

102.5190, 59.8901, -29.3962



Tritanomaly

118.9230, 17.2930, 53.5645

Monochromacy



Original Color

111.4880, 60.8914, 69.7320



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

111.3000, 22.0371, 25.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4880, 60.8914, 69.7320 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(191, 47, 235)` looks like.

```
.text, #text, p{  
    color:rgb(191, 47, 235)  
}
```

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(191, 47, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 47, 235) }
```

Border

The CSS property to change the border of an element to YUV 111.4880, 60.8914, 69.7320 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(191, 47, 235) }
```


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

```
.border{ border-color:rgb(191, 47, 235) }
```

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

Here you see how a box with a 4 pixel rgb(191, 47, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 47, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 47, 235);  
box-shadow:4px 4px 4px 4px rgb(191, 47,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 111.4880, 60.8914, 69.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 47, 235) }
```

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

```
.background{ background-color: rgb(191, 47,  
235) }
```

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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