

Converting Colors

YUV(71.2200, 80.7435, 48.9191)

Have a look what the booklet for
YUV(71.2200, 80.7435, 48.9191)
contains.

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Color

**YUV(71.2200, 80.7435,
48.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0BEB
RGB	127, 11, 235
RGB Percent	50%, 4%, 92%
CMY	0.5020, 0.9569, 0.0784
CMYK	0.46, 0.95, 0.00, 0.08
HSL	271°, 91%, 48%
HSV	271°, 95%, 92%
XYZ	23.8675, 10.7495, 79.4142
YIQ	71.2200, -2.7680, 94.2560

Conversions

Conversions Part 2

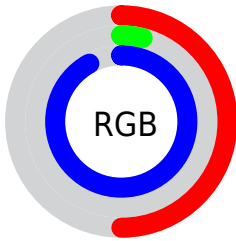
Format	Color
R_{YB}	127, 11, 235
Decimal	8326123
CIE _{Lab}	39.16, 77.71, -84.93
CIE _{LCh}	39, 115.118, 312.456
Yxy	10.7495, 0.2093, 0.0943
Android (android.graphics.Color)	4286516203 (0xFF7F0BEB)
YUV	71.2200, 80.7435, 48.9191
Hunter-Lab	32.7865, 72.5657, -120.6595

Details

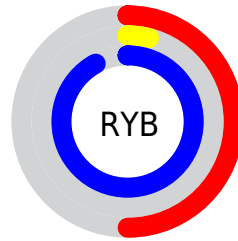
The YUV color **71.2200, 80.7435, 48.9191** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **174.7800, -80.7435, -48.9191**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8890, 59.2147, 47.4553**, and **38.2320, 68.9056, 19.0905** is the 20% darker color. If you saturate the color by 10%, you get **63.2680, 84.6639, 51.5080**, and if you desaturate by 10%, it is **88.0100, 72.4661, 43.8412**.

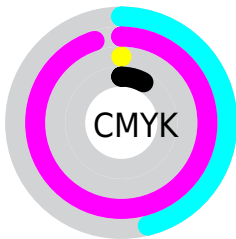
Distribution



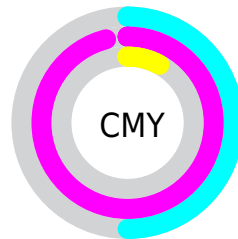
- Red (50%)
- Green (4%)
- Blue (92%)



- Red (50%)
- Yellow (4%)
- Blue (92%)



- Cyan (46%)
- Magenta (95%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (96%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2200, 80.7435, 48.9191 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 71.2200, 80.7435, 48.9191 by changing the saturation by 10% instead.

71.2200, 80.7435,
48.9191

71.2200, 80.7435,
48.9191

255.0000, 0.0000,
0.0000

51.8890, 75.9767,
37.8083

134.8890, 59.2147,
47.4553

38.2320, 68.9056,
19.0905

161.1810, 46.2528,
51.5843

17.1000, 65.5197,
-14.9967

186.8860, 33.5802,
56.2280

14.0220, 53.7262,
-12.2973

205.1050, 24.5982,
43.7579

11.0580, 42.3694,
-9.6979

222.1280, 16.2059,
28.8287

12.9040, 29.1343,
-11.3168

239.1510, 7.8136,

7.8200, 19.8087,

13.8996

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 71.2200, 80.7435,
48.9191

■ 71.2200, 80.7435,
48.9191

■ 63.2680, 84.6639,
51.5080

■ 88.0100, 72.4661,
43.8412

■ 105.6860, 63.7518,
38.8634

■ 122.4760, 55.4743,
33.7855

■ 139.8530, 46.9075,
28.1929

■ 156.9420, 38.4826,
23.7299

■ 174.3190, 29.9157,
18.1372

■ 191.1090, 21.6383,
13.0594

■ 208.7850, 12.9240,
8.0816

■ 225.5750, 4.6465,
3.0037

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



71.2200, 80.7435, 48.9191



83.2930, 33.3796, 120.7690

Triad

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



71.2200, 80.7435, 48.9191



84.7990, -41.8059, 62.4433



87.1350, 21.6254, -76.4174

Complementary

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



71.2200, 80.7435, 48.9191



174.7800, -80.7435, -48.9191

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.



73.5180, -22.9334, -64.4753



71.2200, 80.7435, 48.9191



82.0110, -40.4314, -5.2716

Square

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



71.2200, 80.7435, 48.9191



63.6870, -31.3977, 130.9475



67.5050, -33.2800, -59.2019



98.5690, 60.3585, -86.4450

Rectangle

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



71.2200, 80.7435, 48.9191



81.7210, 4.0815, 137.9337



67.5050, -33.2800, -59.2019



82.7860, 7.5005, -72.6033

Sweetspot

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



71.2200, 80.7435, 48.9191



200.7980, 26.7216, 15.9632



99.9320, 66.5885, -77.9934



95.0070, 16.2655, 9.6409



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.



71.2200, 80.7435, 48.9191



68.5380, 91.9258, 55.6562



103.0560, 63.0764, 115.7149



109.0480, 3.9203, 2.5889



48.7400, 65.2042, 39.6930



14.5280, 19.4597, 11.8149

Inverse Universe

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



90.2880, 14.1550, 126.9124



90.2670, 16.1374, 144.4708



142.9440, -63.0764, -115.7149



109.8590, 0.5625, 6.2627



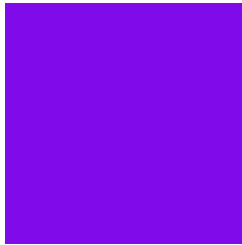
64.0370, 11.3208, 102.5766



19.1100, 3.3968, 30.5985

Previews

White Background



This preview shows how the YUV color 71.2200, 80.7435, 48.9191 looks on a white background.

Color Contrast Check

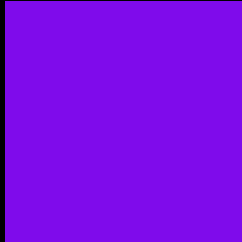
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.2200, 80.7435, 48.9191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

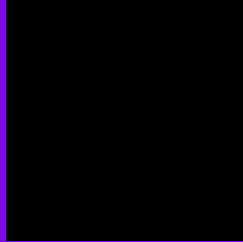
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2200, 80.7435, 48.9191

Background



This preview shows how black text looks on a background with the YUV color 71.2200, 80.7435, 48.9191.



This preview shows how white text looks on a background with the YUV color 71.2200, 80.7435,

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

71.2200, 80.7435, 48.9191

Protanopia

74.3760, 56.5096, -65.2278

Deuteranopia

74.8200, 42.9797, -65.6171



Tritanopia

93.0970, 2.9102, -0.0851

Trichromacy



Original Color

71.2200, 80.7435, 48.9191



Protanomaly

73.0450, 65.5468, -23.7185



Deuteranomaly

73.4550, 56.9637, -24.0780



Tritanomaly

85.2480, 30.9367, 17.3225

Monochromacy



Original Color

71.2200, 80.7435, 48.9191



Achromatopsia

71.0000, 0.0000, 0.0000



Achromatomaly

70.9060, 29.6263, 17.6224

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2200, 80.7435, 48.9191 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(127, 11, 235)` looks like.

```
.text, #text, p{  
    color:rgb(127, 11, 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(127, 11, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 11, 235) }
```

Border

The CSS property to change the border of an element to YUV 71.2200, 80.7435, 48.9191 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(127, 11, 235) }
```


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

```
.border{ border-color:rgb(127, 11, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 11, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 11, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 11, 235);  
box-shadow:4px 4px 4px 4px rgb(127, 11,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 71.2200, 80.7435, 48.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 11, 235) }
```

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

```
.background{ background-color: rgb(127, 11,  
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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