

Converting Colors

YUV(88.6810, 51.4293, 71.3168)

Have a look what the booklet for
YUV(88.6810, 51.4293, 71.3168)
contains.

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Color

**YUV(88.6810, 51.4293,
71.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	AA1BC1
RGB	170, 27, 193
RGB Percent	67%, 11%, 76%
CMY	0.3333, 0.8941, 0.2431
CMYK	0.12, 0.86, 0.00, 0.24
HSL	292°, 75%, 43%
HSV	292°, 86%, 76%
XYZ	26.5951, 13.1802, 51.5944
YIQ	88.6810, 31.9420, 81.9420

Conversions

Conversions Part 2

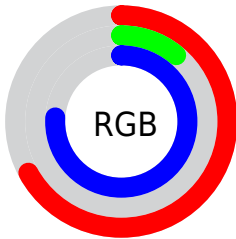
Format	Color
R_{YB}	170, 27, 193
Decimal	11148225
CIE _{Lab}	43.03, 72.58, -54.14
CIE _{LCh}	43, 90.548, 323.278
Yxy	13.1802, 0.2911, 0.1443
Android (android.graphics.Color)	4289338305 (0xFFAA1BC1)
YUV	88.6810, 51.4293, 71.3168
Hunter-Lab	36.3045, 67.2286, -58.8472

Details

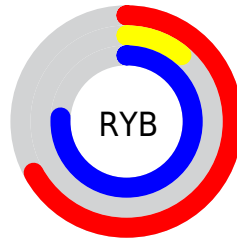
The YUV color **88.6810, 51.4293, 71.3168** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **131.3190, -51.4293, -71.3168**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1490, 48.2405, 67.3983**, and **49.5190, 43.6211, 55.6728** is the 20% darker color. If you saturate the color by 10%, you get **76.6310, 57.3699, 79.2536**, and if you desaturate by 10%, it is **100.7310, 45.4886, 63.3799**.

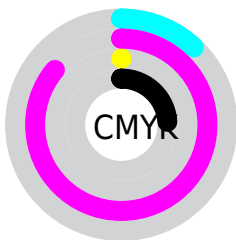
Distribution



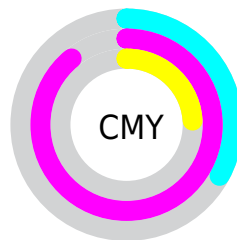
- Red (67%)
- Green (11%)
- Blue (76%)



- Red (67%)
- Yellow (11%)
- Blue (76%)



- Cyan (12%)
- Magenta (86%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (89%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6810, 51.4293, 71.3168 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 88.6810, 51.4293, 71.3168 by changing the saturation by 10% instead.

88.6810, 51.4293,
71.3168

88.6810, 51.4293,
71.3168

255.0000, 0.0000,
0.0000

60.9690, 51.2873,
70.1872

152.1490, 48.2405,
67.3983

49.5190, 43.6211,
55.6728

177.5160, 38.1996,
67.9535

37.8840, 36.5392,
40.4437

194.5390, 29.8073,
53.0243

26.9610, 29.5992,
26.3442

211.5620, 21.4149,
38.0951

15.2550, 23.5383,
10.3004

228.5850, 13.0226,
23.1660

6.3210, 16.6037,
-5.5435

246.1950, 4.3409,

2.5250, 7.1362,

7.7220

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 88.6810, 51.4293,
71.3168

■ 88.6810, 51.4293,
71.3168

■ 76.6310, 57.3699,
79.2536

■ 100.7310, 45.4886,
63.3799

■ 71.6360, 59.8325,
82.7572

■ 113.0690, 39.4060,
54.3135

■ 125.1190, 33.4653,
46.3766

■ 137.1690, 27.5247,
38.4398

■ 148.9200, 21.7314,
29.8882

■ 161.5570, 15.5014,
21.4365

■ 173.6070, 9.5607,
13.4997

■ 185.3580, 3.7675,
4.9480

■ 197.9950, -2.4625,
-3.5036

Harmonies

Analogous

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



80.5320, 80.0967, -70.6266



88.6810, 51.4293, 71.3168



79.3890, 21.0072, 122.4388

Triad

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



88.6810, 51.4293, 71.3168



96.1520, -47.4029, 37.5777



94.5500, 32.2668, -82.9204

Complementary

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



88.6810, 51.4293, 71.3168



131.3190, -51.4293, -71.3168

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.



85.0710, -1.5140, -74.6073



88.6810, 51.4293, 71.3168



87.2390, -43.0088, -18.6266

Square

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



88.6810, 51.4293, 71.3168



85.8720, -42.3349, 92.1973



73.3750, -36.1739, -64.3499



101.1450, 60.0745, -88.7042

Rectangle

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



88.6810, 51.4293, 71.3168



75.5970, -1.2803, 131.0264



73.3750, -36.1739, -64.3499



91.5860, 20.9101, -80.3209

Sweetspot

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



88.6810, 51.4293, 71.3168



209.1540, 20.1371, 27.9289



60.5990, 65.2737, -29.4663



100.6120, 12.0233, 17.0033



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



88.6810, 51.4293, 71.3168



92.7850, 77.5070, 107.1826



88.9460, 22.7046, 91.2554



90.8310, 3.0413, 4.5332



59.6160, 49.9823, 68.7428



12.4330, 10.1395, 14.5293

Inverse Universe

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



79.2560, -14.4232, 99.7535



78.7400, -21.5638, 150.1950



131.0540, -22.7046, -91.2554



90.2180, -0.6005, 5.9478



50.6470, -14.1230, 96.7796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 88.6810, 51.4293, 71.3168 looks on a white background.

Color Contrast Check

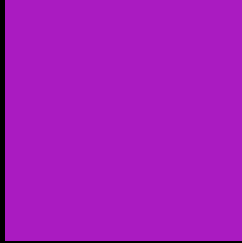
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.6810, 51.4293, 71.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

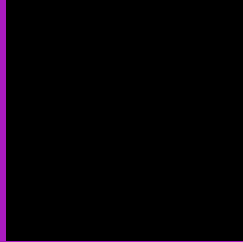
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6810, 51.4293, 71.3168

Background



This preview shows how black text looks on a background with the YUV color 88.6810, 51.4293, 71.3168.



This preview shows how white text looks on a background with the YUV color 88.6810, 51.4293,

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

88.6810, 51.4293, 71.3168

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

90.7660, 44.9784, -53.2918



Tritanopia

102.5930, -9.1663, 46.8379

Trichromacy



Original Color

88.6810, 51.4293, 71.3168



Protanomaly

84.5310, 58.4052, -19.7597



Deuteranomaly

90.0350, 47.3107, -7.9237



Tritanomaly

97.4950, 13.0670, 55.6939

Monochromacy



Original Color

88.6810, 51.4293, 71.3168



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

88.5020, 18.9795, 25.8697

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6810, 51.4293, 71.3168 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(170, 27, 193)` looks like.

```
.text, #text, p{  
  color:rgb(170, 27, 193)  
}
```

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(170, 27, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 27, 193) }
```

Border

The CSS property to change the border of an element to YUV 88.6810, 51.4293, 71.3168 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(170, 27, 193) }
```


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

```
.border{ border-color:rgb(170, 27, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 27, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 27, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 27, 193);  
box-shadow:4px 4px 4px 4px rgb(170, 27,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 88.6810, 51.4293, 71.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 27, 193) }
```

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

```
.background{ background-color: rgb(170, 27,  
193) }
```

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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