

Converting Colors

YUV(87.3400, 48.6394, 79.5088)

Have a look what the booklet for
YUV(87.3400, 48.6394, 79.5088)
contains.

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Color

**YUV(87.3400, 48.6394,
79.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	B216BA
RGB	178, 22, 186
RGB Percent	70%, 9%, 73%
CMY	0.3020, 0.9137, 0.2706
CMYK	0.04, 0.88, 0.00, 0.27
HSL	297°, 79%, 41%
HSV	297°, 88%, 73%
XYZ	27.5099, 13.5840, 47.6264
YIQ	87.3400, 40.3320, 84.0760

Conversions

Conversions Part 2

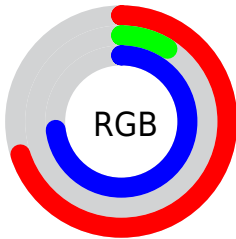
Format	Color
R_{YB}	178, 22, 186
Decimal	11671226
CIE _{Lab}	43.63, 73.71, -49.01
CIE _{LCh}	44, 88.518, 326.382
Yxy	13.5840, 0.3101, 0.1531
Android (android.graphics.Color)	4289861306 (0xFFB216BA)
YUV	87.3400, 48.6394, 79.5088
Hunter-Lab	36.8564, 68.7351, -50.8159

Details

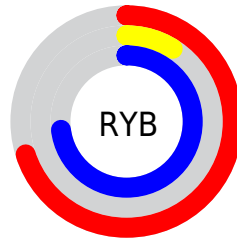
The YUV color **87.3400, 48.6394, 79.5088** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **120.6600, -48.6394, -79.5088**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1560, 44.2931, 73.5312**, and **50.9280, 39.9685, 60.5761** is the 20% darker color. If you saturate the color by 10%, you get **75.8880, 54.2852, 88.6752**, and if you desaturate by 10%, it is **98.7920, 42.9935, 70.3424**.

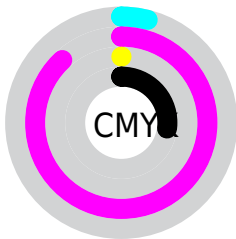
Distribution



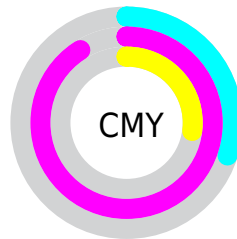
- Red (70%)
- Green (9%)
- Blue (73%)



- Red (70%)
- Yellow (9%)
- Blue (73%)



- Cyan (4%)
- Magenta (88%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3400, 48.6394, 79.5088 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 87.3400, 48.6394, 79.5088 by changing the saturation by 10% instead.

87.3400, 48.6394,
79.5088

87.3400, 48.6394,
79.5088

255.0000, 0.0000,
0.0000

62.6770, 47.4872,
75.7053

153.1560, 44.2931,
73.5312

50.9280, 39.9685,
60.5761

176.9290, 38.4890,
68.4683

39.5920, 32.7391,
45.9618

193.9520, 30.0967,
53.5391

28.6690, 25.7992,
31.8623

210.9750, 21.7043,
38.6099

17.5610, 19.4434,
17.0480

228.5850, 13.0226,
23.1660

3.8760, 14.8511,
-3.3993

246.1950, 4.3409,

1.0260, 3.9312,

7.7220

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 87.3400, 48.6394,
79.5088

■ 87.3400, 48.6394,
79.5088

■ 75.8880, 54.2852,
88.6752

■ 98.7920, 42.9935,
70.3424

■ 74.1270, 55.1534,
90.2196

■ 109.6570, 37.6371,
61.6908

■ 121.1090, 31.9913,
52.5244

■ 131.9740, 26.6348,
43.8728

■ 143.4260, 20.9890,
34.7064

■ 154.5790, 15.4906,
24.9252

■ 165.4440, 10.1341,
16.2736

■ 176.8960, 4.4883,
7.1072

■ 187.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



91.3460, 72.3004, -43.2764



87.3400, 48.6394, 79.5088



79.1890, 17.6548, 124.3682

Triad

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



87.3400, 48.6394, 79.5088



97.5920, -48.1129, 31.9298



96.5220, 34.7457, -84.6498

Complementary

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



87.3400, 48.6394, 79.5088



120.6600, -48.6394, -79.5088

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.



86.7980, 2.5646, -76.1218



87.3400, 48.6394, 79.5088



86.6190, -42.7032, -23.3449

Square

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



87.3400, 48.6394, 79.5088



90.5460, -44.6392, 84.5902



73.9620, -36.4633, -64.8647



101.6010, 61.8217, -89.1041

Rectangle

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



87.3400, 48.6394, 79.5088



74.7280, -3.3169, 130.9115



73.9620, -36.4633, -64.8647



93.7860, 24.2625, -82.2503

Sweetspot

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



87.3400, 48.6394, 79.5088



204.1220, 18.6739, 30.5880



45.3920, 69.3197, -20.5148



99.3950, 11.1443, 18.9476



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



87.3400, 48.6394, 79.5088



96.3580, 71.8015, 117.2040



81.2960, 15.1371, 91.8254



86.4180, 2.7519, 4.0184



62.0360, 46.3243, 75.3904



11.2650, 8.2504, 13.7996

Inverse Universe

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



71.9480, -20.6804, 100.0236



73.7260, -30.4309, 147.5763



126.7040, -15.1371, -91.8254



85.6910, -1.3267, 5.5330



47.5560, -19.5011, 95.1054



8.4860, -3.6906, 17.1138

Previews

White Background



This preview shows how the YUV color 87.3400, 48.6394, 79.5088 looks on a white background.

Color Contrast Check

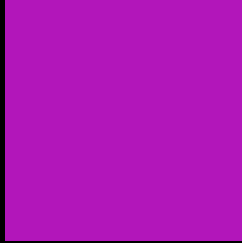
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.3400, 48.6394, 79.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

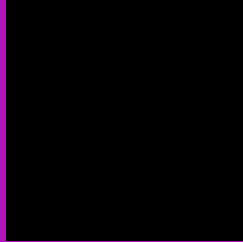
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3400, 48.6394, 79.5088

Background



This preview shows how black text looks on a background with the YUV color 87.3400, 48.6394, 79.5088.



This preview shows how white text looks on a background with the YUV color 87.3400, 48.6394,

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

87.3400, 48.6394, 79.5088

Protanopia

83.5690, 63.8095, -73.2900

Deuteranopia

98.0300, 37.9462, -37.7373



Tritanopia

102.7790, -11.2300, 55.4448

Trichromacy



Original Color

87.3400, 48.6394, 79.5088



Protanomaly

84.8410, 58.2524, -17.4006



Deuteranomaly

94.3310, 41.7418, 4.9717



Tritanomaly

97.2680, 10.7139, 63.7860

Monochromacy



Original Color

87.3400, 48.6394, 79.5088



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.8830, 17.8057, 29.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3400, 48.6394, 79.5088 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(178, 22, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 22, 186)  
}
```

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(178, 22, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 22, 186) }
```

Border

The CSS property to change the border of an element to YUV 87.3400, 48.6394, 79.5088 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(178, 22, 186) }
```


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

```
.border{ border-color:rgb(178, 22, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 22, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 22, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 22, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 22,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 87.3400, 48.6394, 79.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 22, 186) }
```

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

```
.background{ background-color: rgb(178, 22,  
186) }
```

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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