

Converting Colors

YUV(87.9710, 48.3283, 85.9714)

Have a look what the booklet for
YUV(87.9710, 48.3283, 85.9714)
contains.

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Color

**YUV(87.9710, 48.3283,
85.9714)**

Conversions

Conversions Part 1

Format	Color
Hex	BA13BA
RGB	186, 19, 186
RGB Percent	73%, 7%, 73%
CMY	0.2706, 0.9255, 0.2706
CMYK	0.00, 0.90, 0.00, 0.27
HSL	300°, 81%, 40%
HSV	300°, 90%, 73%
XYZ	29.3455, 14.4500, 47.6968
YIQ	87.9710, 45.9250, 87.3410

Conversions

Conversions Part 2

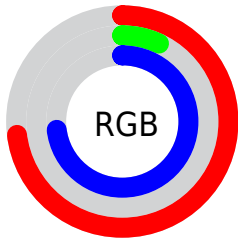
Format	Color
RYB	186, 19, 186
Decimal	12194746
CIELab	44.87, 75.56, -46.94
CIELCh	45, 88.956, 328.149
Yxy	14.4500, 0.3207, 0.1579
Android (android.graphics.Color)	4290384826 (0xFFBA13BA)
YUV	87.9710, 48.3283, 85.9714
Hunter-Lab	38.0132, 71.2758, -47.7846

Details

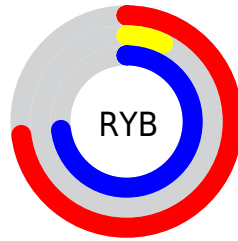
The YUV color **87.9710, 48.3283, 85.9714** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **117.0290, -48.3283, -85.9714**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8470, 42.9664, 79.0642**, and **53.3200, 38.7892, 65.4944** is the 20% darker color. If you saturate the color by 10%, you get **76.8180, 53.8267, 95.7526**, and if you desaturate by 10%, it is **99.1240, 42.8299, 76.1903**.

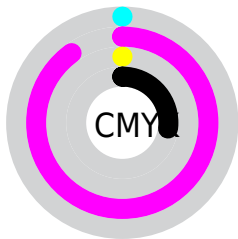
Distribution



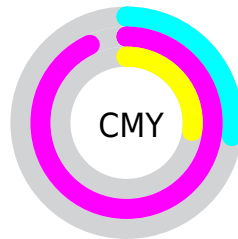
- Red (73%)
- Green (7%)
- Blue (73%)



- Red (73%)
- Yellow (7%)
- Blue (73%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)





- Cyan (27%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.9710, 48.3283, 85.9714 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 87.9710, 48.3283, 85.9714 by changing the saturation by 10% instead.


 87.9710, 48.3283,
85.9714


 87.9710, 48.3283,
85.9714


255.0000, 0.0000,
0.0000


 65.0690, 46.3080,
80.6235


 155.8470, 42.9664,
79.0642


 53.3200, 38.7892,
65.4944


 177.5160, 38.1996,
67.9535


 41.9840, 31.5599,
50.8800


 194.5390, 29.8073,
53.0243

 30.7620, 24.7673,
36.1657

 212.1490, 21.1255,
37.5803

 19.9530, 18.2642,
21.9662

 229.1720, 12.7332,
22.6512

 4.5880, 14.9931,
-2.2697

 246.7820, 4.0515,

 1.0260, 3.9312,

7.2072

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 87.9710, 48.3283,
85.9714

■ 87.9710, 48.3283,
85.9714

■ 76.8180, 53.8267,
95.7526

■ 99.1240, 42.8299,
76.1903

■ 109.6900, 37.6208,
66.9239

■ 120.8430, 32.1224,
57.1427

■ 131.4090, 26.9134,
47.8763

■ 142.5620, 21.4149,
38.0951

■ 153.7150, 15.9165,
28.3139

■ 164.2810, 10.7075,
19.0476

■ 175.4340, 5.2090,
9.2664

■ 186.0000, 0.0000,
0.0000

Harmonies

Analogous

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



98.7500, 69.6363, -28.7218



87.9710, 48.3283, 85.9714



80.5700, 16.4810, 127.5421

Triad

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



87.9710, 48.3283, 85.9714



99.9400, -49.2704, 29.8706



99.1950, 37.3719, -86.9940

Complementary

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



87.9710, 48.3283, 85.9714



117.0290, -48.3283, -85.9714

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.



89.9440, 4.4646, -78.8809



87.9710, 48.3283, 85.9714



88.3690, -43.5659, -26.6336

Square

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



87.9710, 48.3283, 85.9714



94.6660, -46.6703, 82.7309



76.7660, -35.8736, -67.3238



104.1600, 64.0111, -91.3483

Rectangle

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



87.9710, 48.3283, 85.9714



75.6960, -4.7801, 133.5706



76.7660, -35.8736, -67.3238



96.4590, 26.8887, -84.5945

Sweetspot

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



87.9710, 48.3283, 85.9714



203.8450, 18.8104, 33.4619



38.0380, 72.9453, -16.6963



99.1070, 11.2862, 20.0772



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.



87.9710, 48.3283, 85.9714



99.9460, 70.0326, 124.5814



78.3950, 11.6373, 94.3696



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Inverse Universe

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



87.9710, 48.3283, 85.9714



99.9460, 70.0326, 124.5814



126.4910, -12.0741, -94.2696



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 87.9710, 48.3283, 85.9714 looks on a white background.

Color Contrast Check

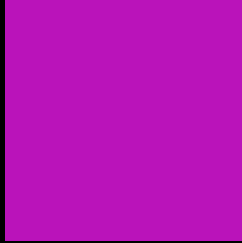
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.9710, 48.3283, 85.9714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

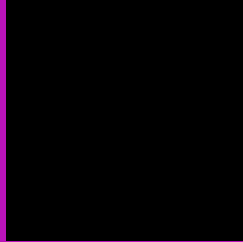
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9710, 48.3283, 85.9714

Background



This preview shows how black text looks on a background with the YUV color 87.9710, 48.3283, 85.9714.



This preview shows how white text looks on a background with the YUV color 87.9710, 48.3283,

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

87.9710, 48.3283, 85.9714

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

103.0800, 35.4566, -32.5192



Tritanopia

104.4700, -12.5567, 60.9778

Trichromacy



Original Color

87.9710, 48.3283, 85.9714



Protanomaly

86.7810, 59.2680, -16.4709



Deuteranomaly

97.9080, 39.9784, 10.6047



Tritanomaly

98.3720, 9.6766, 69.8338

Monochromacy



Original Color

87.9710, 48.3283, 85.9714



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

88.1930, 17.6529, 31.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9710, 48.3283, 85.9714 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(186, 19, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 19, 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(186, 19, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 19, 186) }
```

Border

The CSS property to change the border of an element to YUV 87.9710, 48.3283, 85.9714 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(186, 19, 186) }
```


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

```
.border{ border-color:rgb(186, 19, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 19, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 19, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 19, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 19,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 87.9710, 48.3283, 85.9714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 19, 186) }
```

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

```
.background{ background-color: rgb(186, 19,  
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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