

Converting Colors

YUV(84.6910, 29.2393, 48.5060)

Have a look what the booklet for
YUV(84.6910, 29.2393, 48.5060)
contains.

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Color

**YUV(84.6910, 29.2393,
48.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2D90
RGB	140, 45, 144
RGB Percent	55%, 18%, 56%
CMY	0.4510, 0.8235, 0.4353
CMYK	0.03, 0.69, 0.00, 0.44
HSL	298°, 52%, 37%
HSV	298°, 69%, 56%
XYZ	16.7876, 9.4658, 27.3278
YIQ	84.6910, 24.8410, 50.9290

Conversions

Conversions Part 2

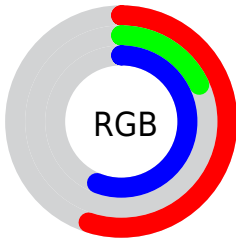
Format	Color
R_{YB}	140, 45, 144
Decimal	9186704
CIE _{Lab}	36.87, 52.66, -35.01
CIE _{LCh}	37, 63.238, 326.386
Yxy	9.4658, 0.3133, 0.1767
Android (android.graphics.Color)	4287376784 (0xFF8C2D90)
YUV	84.6910, 29.2393, 48.5060
Hunter-Lab	30.7666, 43.5561, -31.1266

Details

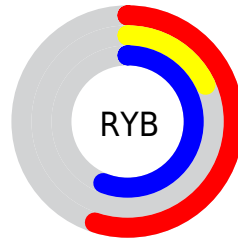
The YUV color **84.6910, 29.2393, 48.5060** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **104.3090, -29.2393, -48.5060**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2890, 28.9445, 49.7355**, and **36.3160, 27.9452, 43.5729** is the 20% darker color. If you saturate the color by 10%, you get **76.1740, 33.4382, 55.0984**, and if you desaturate by 10%, it is **93.2080, 25.0405, 41.9136**.

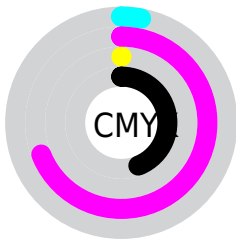
Distribution



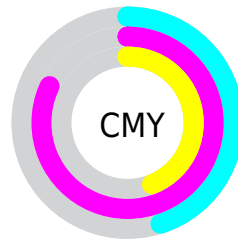
- Red (55%)
- Green (18%)
- Blue (56%)



- Red (55%)
- Yellow (18%)
- Blue (56%)



- Cyan (3%)
- Magenta (69%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.6910, 29.2393, 48.5060 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 84.6910, 29.2393, 48.5060 by changing the saturation by 10% instead.

84.6910, 29.2393,
48.5060

84.6910, 29.2393,
48.5060

255.0000, 0.0000,
0.0000

53.6960, 31.7019,
52.0096

139.2890, 28.9445,
49.7355

36.3160, 27.9452,
43.5729

167.1150, 29.5233,
50.7651

25.8060, 21.2946,
29.9881

195.1260, 29.5179,
52.5095

16.3070, 14.6386,
18.1478

211.5620, 21.4149,
38.0951

3.3230, 10.1938,
-2.9143

228.5850, 13.0226,
23.1660

0.0000, 0.0000,
0.0000

245.6080, 4.6303,

8.2368

■ 84.6910, 29.2393,
48.5060

■ 84.6910, 29.2393,
48.5060

■ 76.1740, 33.4382,
55.0984

■ 93.2080, 25.0405,
41.9136

■ 67.3690, 37.7791,
62.8204

■ 102.0130, 20.6996,
34.1916

■ 58.8520, 41.9780,
69.4128

■ 110.5300, 16.5007,
27.5992

■ 57.6780, 42.5567,
70.4424

■ 119.3350, 12.1598,
19.8772

■ 127.8520, 7.9610,
13.2848

■ 136.0700, 3.9095,
6.0776

■ 145.1740, -0.5788,
-1.0296

■ 153.6910, -4.7777,
-7.6220

■ 162.4960, -9.1185,
-15.3440

Harmonies

Analogous

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



83.5560, 47.0539, -18.9046



84.6910, 29.2393, 48.5060



63.4210, 15.5684, 93.4698

Triad

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



84.6910, 29.2393, 48.5060



82.2090, -40.5290, 26.1267



78.3300, 25.9663, -68.6954

Complementary

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



84.6910, 29.2393, 48.5060



104.3090, -29.2393, -48.5060

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.



71.8150, 3.5422, -62.9818



84.6910, 29.2393, 48.5060



75.4770, -37.2102, -11.8193

Square

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



84.6910, 29.2393, 48.5060



78.8850, -38.8903, 60.6139



63.6700, -20.0503, -55.8386



81.2430, 44.7432, -71.2501

Rectangle

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



84.6910, 29.2393, 48.5060



64.0780, -1.0245, 95.5246



63.6700, -20.0503, -55.8386



76.3920, 18.5407, -66.9958

Sweetspot

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



84.6910, 29.2393, 48.5060



162.8080, 11.4337, 19.4624



59.2210, 41.7960, -12.4718



80.2000, 6.8034, 11.2256



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



84.6910, 29.2393, 48.5060



93.8080, 45.4507, 75.5904



80.7570, 8.9938, 55.4641



66.8910, 2.0257, 3.6036



54.2600, 39.8048, 66.4240



3.0050, 2.4625, 3.5036

Inverse Universe

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



75.0570, -12.8461, 60.4630



78.7300, -20.0799, 94.0758



108.2430, -8.9938, -55.4641



66.2070, -0.5951, 4.2035



40.9350, -17.7160, 82.4950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 84.6910, 29.2393, 48.5060 looks on a white background.

Color Contrast Check

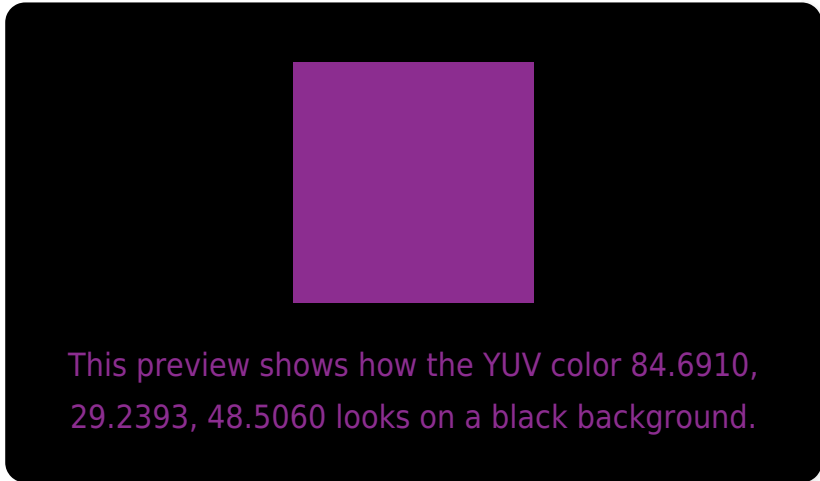
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

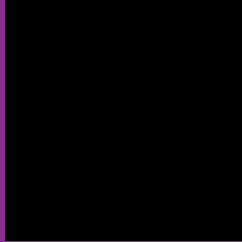
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.6910, 29.2393, 48.5060

Background



This preview shows how black text looks on a background with the YUV color 84.6910, 29.2393, 48.5060.



This preview shows how white text looks on a background with the YUV color 84.6910, 29.2393,

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

84.6910, 29.2393, 48.5060

Protanopia

69.8280, 54.3148, -61.2392

Deuteranopia

85.5130, 25.3831, -21.4979



Tritanopia

87.7060, -7.2501, 38.8458

Trichromacy



Original Color

84.6910, 29.2393, 48.5060

Protanomaly

75.3770, 45.1701, -21.3786

Deuteranomaly

85.1340, 27.0489, 4.2675

Tritanomaly

86.8710, 5.9796, 42.2091

Monochromacy



Original Color

84.6910, 29.2393, 48.5060

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.5690, 10.5655, 17.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.6910, 29.2393, 48.5060 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(140, 45, 144)` looks like.

```
.text, #text, p{  
    color:rgb(140, 45, 144)  
}
```

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(140, 45, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 45, 144) }
```

Border

The CSS property to change the border of an element to YUV 84.6910, 29.2393, 48.5060 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(140, 45, 144) }
```


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

```
.border{ border-color:rgb(140, 45, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 45, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 45, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 45, 144);  
box-shadow:4px 4px 4px 4px rgb(140, 45,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 84.6910, 29.2393, 48.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 45, 144) }
```

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

```
.background{ background-color: rgb(140, 45,  
144) }
```

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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