

Converting Colors

YUV(84.8220, 27.2028, 48.3911)

Have a look what the booklet for
YUV(84.8220, 27.2028, 48.3911)
contains.

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Color

**YUV(84.8220, 27.2028,
48.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2E8C
RGB	140, 46, 140
RGB Percent	55%, 18%, 55%
CMY	0.4510, 0.8196, 0.4510
CMYK	0.00, 0.67, 0.00, 0.45
HSL	300°, 51%, 36%
HSV	300°, 67%, 55%
XYZ	16.5258, 9.4229, 25.7587
YIQ	84.8220, 25.8500, 49.1620

Conversions

Conversions Part 2

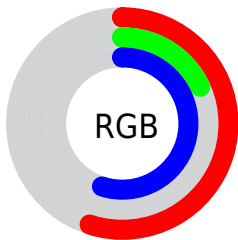
Format	Color
R _{YB}	140, 46, 140
Decimal	9186956
CIE _{Lab}	36.79, 51.54, -32.68
CIE _{LCh}	37, 61.032, 327.620
Y _{xy}	9.4229, 0.3196, 0.1822
Android (android.graphics.Color)	4287377036 (0xFF8C2E8C)
Y _{UV}	84.8220, 27.2028, 48.3911
Hunter-Lab	30.6967, 42.3777, -28.2647

Details

The YUV color **84.8220, 27.2028, 48.3911** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.1780, -27.2028, -48.3911**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4200, 26.9079, 49.6207**, and **35.8600, 26.1980, 43.9728** is the 20% darker color. If you saturate the color by 10%, you get **76.6040, 31.2542, 55.5983**, and if you desaturate by 10%, it is **93.0400, 23.1513, 41.1839**.

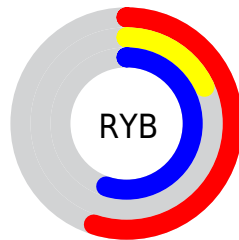
Distribution



Red (55%)

Green (18%)

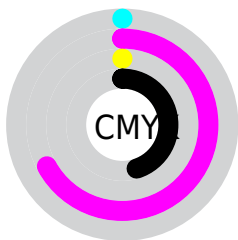
Blue (55%)



Red (55%)

Yellow (18%)

Blue (55%)

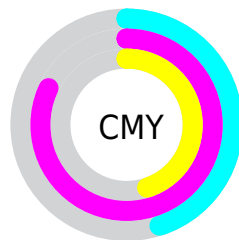


Cyan (0%)

Magenta (67%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (82%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8220, 27.2028, 48.3911 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 84.8220, 27.2028, 48.3911 by changing the saturation by 10% instead.

■ 84.8220, 27.2028,
48.3911

■ 84.8220, 27.2028,
48.3911

■ 255.0000, 0.0000,
0.0000

■ 54.4140, 29.3759,
51.3799

■ 139.4200, 26.9079,
49.6207

■ 35.8600, 26.1980,
43.9728

■ 167.1320, 27.0499,
50.7502

■ 25.3500, 19.5475,
30.3881

■ 195.2570, 27.4813,
52.3946

■ 15.9650, 13.3283,
18.4477

■ 212.1490, 21.1255,
37.5803

■ 2.9810, 8.8834,
-2.6143

■ 228.5850, 13.0226,
23.1660

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.6303,

8.2368

■ 84.8220, 27.2028,
48.3911

■ 84.8220, 27.2028,
48.3911

■ 76.6040, 31.2542,
55.5983

■ 93.0400, 23.1513,
41.1839

■ 68.3860, 35.3057,
62.8055

■ 101.2580, 19.0998,
33.9767

■ 60.1680, 39.3572,
70.0127

■ 109.4760, 15.0483,
26.7695

■ 57.8200, 40.5147,
72.0719

■ 117.6940, 10.9969,
19.5624

■ 125.9120, 6.9454,
12.3552

■ 134.1300, 2.8939,
5.1480

■ 142.3480, -1.1576,
-2.0592

■ 150.5660, -5.2090,
-9.2664

■ 158.7840, -9.2605,
-16.4736

Harmonies

Analogous

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



84.9050, 44.4168, -13.0717



84.8220, 27.2028, 48.3911



69.0520, 11.8064, 86.7774

Triad

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



84.8220, 27.2028, 48.3911



81.3120, -40.0868, 24.2824



77.7430, 26.2557, -68.1806

Complementary

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



84.8220, 27.2028, 48.3911



101.1780, -27.2028, -48.3911

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.



72.0430, 4.4158, -63.1817



84.8220, 27.2028, 48.3911



75.1780, -37.0628, -12.4341

Square

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



84.8220, 27.2028, 48.3911



79.1620, -39.0269, 57.7399



64.2400, -17.8663, -56.3385



80.4280, 44.1590, -70.5354

Rectangle

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



84.8220, 27.2028, 48.3911



69.4100, -4.6391, 88.2174



64.2400, -17.8663, -56.3385



75.9190, 19.2669, -66.5810

Sweetspot

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



84.8220, 27.2028, 48.3911



159.8680, 10.4181, 18.5328



56.7160, 41.0590, -9.3979



79.0860, 6.3666, 11.3256



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



84.8220, 27.2028, 48.3911



94.7110, 42.5405, 75.6755



79.4640, 6.6732, 53.0901



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Inverse Universe

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



84.8220, 27.2028, 48.3911



94.7110, 42.5405, 75.6755



106.5360, -6.6732, -53.0901



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 84.8220, 27.2028, 48.3911 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

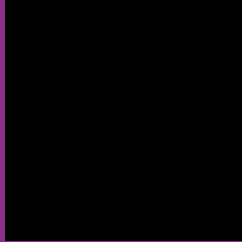
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8220, 27.2028, 48.3911

Background



This preview shows how black text looks on a background with the YUV color 84.8220, 27.2028, 48.3911.



This preview shows how white text looks on a background with the YUV color 84.8220, 27.2028,

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

84.8220, 27.2028, 48.3911

Protanopia

76.2490, 49.1772, -46.6994

Deuteranopia

85.6660, 23.3357, -18.1241



Tritanopia

87.5920, -7.6869, 38.9458

Trichromacy



Original Color

84.8220, 27.2028, 48.3911

Protanomaly

79.4060, 41.2118, -11.7571

Deuteranomaly

85.2760, 25.0069, 5.8969

Tritanomaly

86.6430, 5.1060, 42.4091

Monochromacy



Original Color

84.8220, 27.2028, 48.3911

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8220, 27.2028, 48.3911 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, 46, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 46, 140)  
}
```

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, 46, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 46, 140) }
```

Border

The CSS property to change the border of an element to YUV 84.8220, 27.2028, 48.3911 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, 46, 140) }
```


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

```
.border{ border-color:rgb(140, 46, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 46, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 46, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 46, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 46,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 84.8220, 27.2028, 48.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 46, 140) }
```

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

```
.background{ background-color: rgb(140, 46,  
140) }
```

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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