

Converting Colors

YUV(88.9500, 29.6046, 24.5998)

Have a look what the booklet for
YUV(88.9500, 29.6046, 24.5998)
contains.

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Color

**YUV(88.9500, 29.6046,
24.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	753F95
RGB	117, 63, 149
RGB Percent	46%, 25%, 58%
CMY	0.5412, 0.7529, 0.4157
CMYK	0.21, 0.58, 0.00, 0.42
HSL	278°, 41%, 42%
HSV	278°, 58%, 58%
XYZ	14.5384, 9.5068, 29.5025
YIQ	88.9500, 4.5780, 38.1940

Conversions

Conversions Part 2

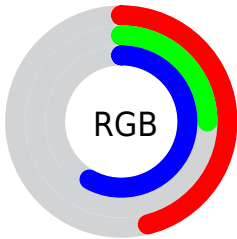
Format	Color
R _Y B	117, 63, 149
Decimal	7683989
CIE Lab	36.94, 39.20, -38.14
CIE LCh	37, 54.693, 315.787
Yxy	9.5068, 0.2715, 0.1775
Android (android.graphics.Color)	4285874069 (0xFF753F95)
YUV	88.9500, 29.6046, 24.5998
Hunter-Lab	30.8332, 30.2082, -35.1480

Details

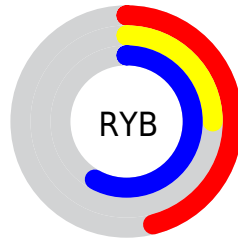
The YUV color **88.9500, 29.6046, 24.5998** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **123.0500, -29.6046, -24.5998**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7160, 31.1990, 26.5591**, and **38.2380, 29.4627, 23.4703** is the 20% darker color. If you saturate the color by 10%, you get **78.3510, 34.8300, 28.6332**, and if you desaturate by 10%, it is **99.5490, 24.3793, 20.5665**.

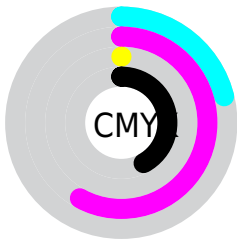
Distribution



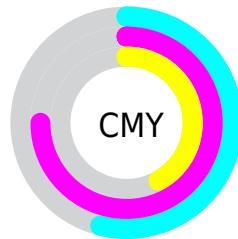
- Red (46%)
- Green (25%)
- Blue (58%)



- Red (46%)
- Yellow (25%)
- Blue (58%)



- Cyan (21%)
- Magenta (58%)
- Yellow (0%)
- Black (42%)



- Cyan (54%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9500, 29.6046, 24.5998 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 88.9500, 29.6046, 24.5998 by changing the saturation by 10% instead.

88.9500, 29.6046,
24.5998

88.9500, 29.6046,
24.5998

255.0000, 0.0000,
0.0000

64.1240, 29.0259,
23.5703

140.7160, 31.1990,
26.5591

38.2380, 29.4627,
23.4703

167.5420, 31.7778,
27.5887

20.2820, 25.9900,
17.2927

194.6840, 29.7358,
29.2181

10.7830, 19.3340,
5.4523

219.1930, 17.6529,
31.4027

4.3660, 11.6516,
-3.8290

235.6290, 9.5499,
16.9884

0.0000, 0.0000,
0.0000

252.6520, 1.1576,

2.0592

■ 88.9500, 29.6046,
24.5998

■ 88.9500, 29.6046,
24.5998

■ 78.3510, 34.8300,
28.6332

■ 99.5490, 24.3793,
20.5665

■ 68.0510, 39.9079,
33.2813

■ 109.8490, 19.3014,
15.9184

■ 57.4520, 45.1332,
37.3146

■ 120.4480, 14.0761,
11.8851

■ 47.1520, 50.2111,
41.9627

■ 130.7480, 8.9982,
7.2370

■ 45.0920, 51.2266,
42.8923

■ 141.3470, 3.7729,
3.2037

■ 151.0600, -1.0156,
-0.9296

■ 161.6590, -6.2409,
-4.9629

■ 171.9590,
-11.3188, -9.6110

■ 182.5580,
-16.5441, -13.6444

Harmonies

Analogous

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



74.1130, 48.7513, -50.0881



88.9500, 29.6046, 24.5998



82.0660, 13.7715, 63.0861

Triad

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



88.9500, 29.6046, 24.5998



81.9760, -40.4142, 35.9780



74.7620, 17.3723, -65.5663

Complementary

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



88.9500, 29.6046, 24.5998



123.0500, -29.6046, -24.5998

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.



68.9310, -2.4310, -60.4525



88.9500, 29.6046, 24.5998



79.1200, -39.0062, 4.2798

Square

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



88.9500, 29.6046, 24.5998



80.7570, -27.9812, 61.6031



68.8850, -26.0723, -37.6101



78.7350, 35.1336, -69.0506

Rectangle

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



88.9500, 29.6046, 24.5998



77.2280, 1.3666, 75.2220



68.8850, -26.0723, -37.6101



73.0520, 10.8204, -64.0666

Sweetspot

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



88.9500, 29.6046, 24.5998



171.0410, 11.3188, 9.6110



92.1750, 28.0147, -25.5865



83.7540, 6.5303, 5.4777



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



88.9500, 29.6046, 24.5998



100.3920, 46.1487, 38.2442



97.3780, 20.5196, 45.2725



68.9940, 2.4680, 1.7593



41.4460, 47.6011, 39.0739



2.9340, 3.4835, 2.6889

Inverse Universe

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



92.3620, 1.3005, 49.6715



105.7660, 2.0874, 77.3812



114.6220, -20.5196, -45.2725



69.3210, -0.1583, 4.1035



47.0760, 1.9345, 79.7403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 88.9500, 29.6046, 24.5998 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



This preview shows how the YUV color 88.9500, 29.6046, 24.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

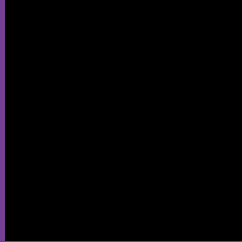
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9500, 29.6046, 24.5998

Background



This preview shows how black text looks on a background with the YUV color 88.9500, 29.6046, 24.5998.



This preview shows how white text looks on a background with the YUV color 88.9500, 29.6046,

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

88.9500, 29.6046, 24.5998

Protanopia

79.1530, 44.7876, -38.7222

Deuteranopia

83.3210, 29.9147, -28.3455



Tritanopia

88.7570, -1.3592, 15.9991

Trichromacy



Original Color

88.9500, 29.6046, 24.5998

Protanomaly

82.5150, 39.1861, -15.3607

Deuteranomaly

85.4420, 29.8551, -9.1576

Tritanomaly

89.0530, 9.8339, 19.2475

Monochromacy



Original Color

88.9500, 29.6046, 24.5998

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2150, 10.7400, 8.5814

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9500, 29.6046, 24.5998 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(117, 63, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 63, 149)  
}
```

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(117, 63, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 63, 149) }
```

Border

The CSS property to change the border of an element to YUV 88.9500, 29.6046, 24.5998 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(117, 63, 149) }
```


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

```
.border{ border-color:rgb(117, 63, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 63, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 63, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 63, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 63,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 88.9500, 29.6046, 24.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 63, 149) }
```

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

```
.background{ background-color: rgb(117, 63,  
149) }
```

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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