

Converting Colors

YUV(89.6470, 29.2610, 41.5286)

Have a look what the booklet for
YUV(89.6470, 29.2610, 41.5286)
contains.

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Color

**YUV(89.6470, 29.2610,
41.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	893695
RGB	137, 54, 149
RGB Percent	54%, 21%, 58%
CMY	0.4627, 0.7882, 0.4157
CMYK	0.08, 0.64, 0.00, 0.42
HSL	292°, 47%, 40%
HSV	292°, 64%, 58%
XYZ	17.0605, 10.1266, 29.4892
YIQ	89.6470, 18.9730, 47.1410

Conversions

Conversions Part 2

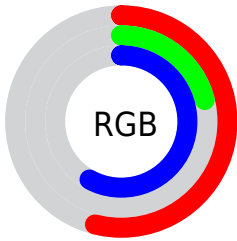
Format	Color
R_{YB}	137, 54, 149
Decimal	8992405
CIE _{Lab}	38.07, 48.99, -36.18
CIE _{LCh}	38, 60.901, 323.557
Yxy	10.1266, 0.3010, 0.1787
Android (android.graphics.Color)	4287182485 (0xFF893695)
YUV	89.6470, 29.2610, 41.5286
Hunter-Lab	31.8224, 40.0078, -32.6673

Details

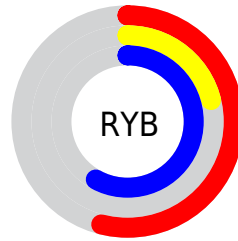
The YUV color **89.6470, 29.2610, 41.5286** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.3530, -29.2610, -41.5286**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1850, 29.9818, 43.6878**, and **36.2880, 30.4240, 41.8434** is the 20% darker color. If you saturate the color by 10%, you get **80.2440, 33.8967, 48.0210**, and if you desaturate by 10%, it is **99.0500, 24.6254, 35.0361**.

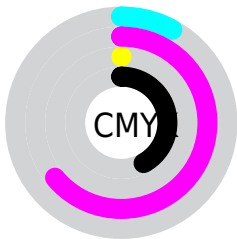
Distribution



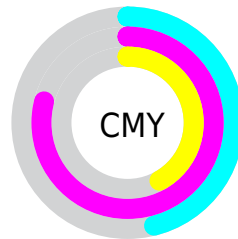
- Red (54%)
- Green (21%)
- Blue (58%)



- Red (54%)
- Yellow (21%)
- Blue (58%)



- Cyan (8%)
- Magenta (64%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (79%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6470, 29.2610, 41.5286 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 89.6470, 29.2610, 41.5286 by changing the saturation by 10% instead.

■ 89.6470, 29.2610,
41.5286

■ 89.6470, 29.2610,
41.5286

■ 255.0000, 0.0000,
0.0000

■ 62.1740, 29.9872,
41.9434

■ 143.1850, 29.9818,
43.6878

■ 36.2880, 30.4240,
41.8434

■ 170.8970, 30.1238,
44.8173

■ 25.6640, 23.3366,
28.3587

■ 198.0390, 28.0818,
46.4468

■ 16.4640, 16.5332,
17.1331

■ 215.6710, 19.3892,
34.4915

■ 3.7790, 11.9410,
-3.3142

■ 232.6940, 10.9969,
19.5624

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.6045,

4.6332

■ 89.6470, 29.2610,
41.5286

■ 89.6470, 29.2610,
41.5286

■ 80.2440, 33.8967,
48.0210

■ 99.0500, 24.6254,
35.0361

■ 70.8410, 38.5324,
54.5134

■ 108.4530, 19.9897,
28.5437

■ 61.4380, 43.1681,
61.0059

■ 117.8560, 15.3540,
22.0513

■ 55.8560, 45.9200,
65.0243

■ 127.2590, 10.7183,
15.5589

■ 136.3630, 6.2300,
8.4516

■ 145.1790, 1.8838,
2.4740

■ 154.5820, -2.7519,
-4.0184

■ 163.9850, -7.3876,
-10.5108

■ 173.3880,
-12.0233, -17.0033

Harmonies

Analogous

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



84.9250, 47.3650, -25.3672



89.6470, 29.2610, 41.5286



76.5460, 12.5488, 81.9592

Triad

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



89.6470, 29.2610, 41.5286



84.5900, -41.7029, 29.3006



79.7490, 23.7877, -69.9399

Complementary

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



89.6470, 29.2610, 41.5286



113.3530, -29.2610, -41.5286

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.



73.3480, 1.8004, -64.3262



89.6470, 29.2610, 41.5286



79.0540, -38.9736, -6.1864

Square

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



89.6470, 29.2610, 41.5286



81.5540, -40.2061, 62.6581



64.8440, -20.6291, -56.8682



82.6620, 42.5646, -72.4946

Rectangle

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



89.6470, 29.2610, 41.5286



73.8060, -1.8764, 88.7471



64.8440, -20.6291, -56.8682



77.8110, 16.3622, -68.2402

Sweetspot

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



89.6470, 29.2610, 41.5286



170.7860, 11.4445, 15.9737



72.4610, 37.7337, -16.1903



83.1890, 6.8088, 9.4812



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.



89.6470, 29.2610, 41.5286



100.8560, 45.9200, 65.0243



89.2450, 12.2042, 52.4051



69.5920, 2.1731, 2.9888



51.6120, 42.5893, 59.9763



3.8310, 3.0413, 4.5332

Inverse Universe

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



83.7730, -8.7621, 57.2041



91.6030, -14.1013, 89.8022



113.7550, -12.2042, -52.4051



69.0930, -1.0318, 4.3034



43.2000, -12.9166, 83.1396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 89.6470, 29.2610, 41.5286 looks on a white background.

Color Contrast Check

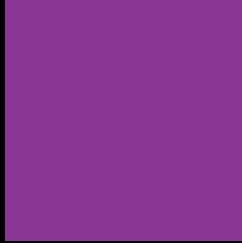
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.6470, 29.2610, 41.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

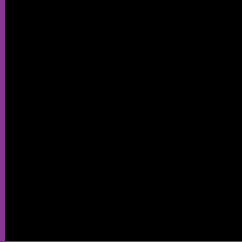
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6470, 29.2610, 41.5286

Background



This preview shows how black text looks on a background with the YUV color 89.6470, 29.2610, 41.5286.



This preview shows how white text looks on a background with the YUV color 89.6470, 29.2610,

41.5286.

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

89.6470, 29.2610, 41.5286

Protanopia

79.4770, 50.0508, -46.8993

Deuteranopia

87.3710, 27.4251, -23.1274



Tritanopia

91.4170, -5.6286, 32.0833

Trichromacy



Original Color

89.6470, 29.2610, 41.5286

Protanomaly

83.0250, 42.3857, -14.9309

Deuteranomaly

88.3400, 27.9334, 0.5788

Tritanomaly

90.4680, 7.1643, 35.5466

Monochromacy



Original Color

89.6470, 29.2610, 41.5286

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8460, 10.4289, 15.0441

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6470, 29.2610, 41.5286 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(137, 54, 149)` looks like.

```
.text, #text, p{  
    color:rgb(137, 54, 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(137, 54, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 54, 149) }
```

Border

The CSS property to change the border of an element to YUV 89.6470, 29.2610, 41.5286 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(137, 54, 149) }
```


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

```
.border{ border-color:rgb(137, 54, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 54, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 54, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 54, 149);  
box-shadow:4px 4px 4px 4px rgb(137, 54,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 89.6470, 29.2610, 41.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 54, 149) }
```

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

```
.background{ background-color: rgb(137, 54,  
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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