

Converting Colors

YUV(96.0670, 59.1270, 28.8822)

Have a look what the booklet for
YUV(96.0670, 59.1270, 28.8822)
contains.

YUV(96.0670, 59.1270, 28.8822)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(96.0670, 59.1270,
28.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	8138D8
RGB	129, 56, 216
RGB Percent	51%, 22%, 85%
CMY	0.4941, 0.7804, 0.1529
CMYK	0.40, 0.74, 0.00, 0.15
HSL	267°, 67%, 53%
HSV	267°, 74%, 85%
XYZ	22.8621, 12.4533, 66.1645
YIQ	96.0670, -7.8520, 65.2360

Conversions

Conversions Part 2

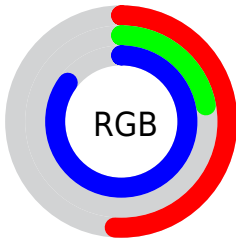
Format	Color
R _{YB}	129, 56, 216
Decimal	8468696
CIE _{Lab}	41.93, 61.27, -69.53
CIE _{LCh}	42, 92.668, 311.386
Yxy	12.4533, 0.2253, 0.1227
Android (android.graphics.Color)	4286658776 (0xFF8138D8)
YUV	96.0670, 59.1270, 28.8822
Hunter-Lab	35.2893, 53.8846, -86.4614

Details

The YUV color **96.0670, 59.1270, 28.8822** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **175.9330, -59.1270, -28.8822**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8520, 51.8380, 33.4558**, and **38.8710, 59.7166, 26.4231** is the 20% darker color. If you saturate the color by 10%, you get **79.5650, 67.2625, 32.8305**, and if you desaturate by 10%, it is **112.5690, 50.9915, 24.9340**.

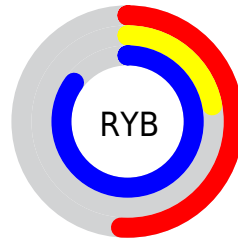
Distribution



Red (51%)

Green (22%)

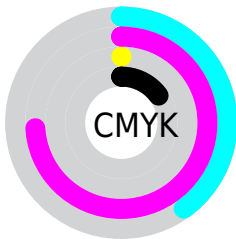
Blue (85%)



Red (51%)

Yellow (22%)

Blue (85%)

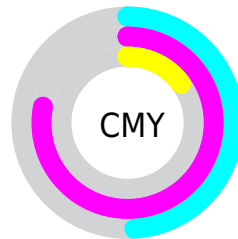


Cyan (40%)

Magenta (74%)

Yellow (0%)

Black (15%)



Cyan (49%)

Magenta (78%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0670, 59.1270, 28.8822 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 96.0670, 59.1270, 28.8822 by changing the saturation by 10% instead.

96.0670, 59.1270,
28.8822

96.0670, 59.1270,
28.8822

255.0000, 0.0000,
0.0000

66.2950, 60.0006,
28.6823

149.8520, 51.8380,
33.4558

38.8710, 59.7166,
26.4231

174.6710, 39.6022,
37.9995

25.3280, 53.0823,
7.6053

199.4900, 27.3664,
42.5433

12.1980, 46.7374,
-10.6976

218.0190, 18.2316,
32.4323

9.2340, 35.3806,
-8.0982

235.0420, 9.8393,
17.5032

9.4330, 23.4505,
-8.2727

252.0650, 1.4470,

5.1640, 14.7091,

2.5740

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 96.0670, 59.1270,
28.8822

■ 96.0670, 59.1270,
28.8822

■ 79.5650, 67.2625,
32.8305

■ 112.5690, 50.9915,
24.9340

■ 63.9490, 74.9611,
36.8787

■ 128.1850, 43.2928,
20.8858

■ 54.2250, 79.7551,
39.2677

■ 144.6870, 35.1573,
16.9375

■ 160.6020, 27.3112,
13.5040

■ 177.1040, 19.1757,
9.5558

■ 193.3070, 11.1876,
4.9928

■ 209.2220, 3.3416,
1.5593

■ 225.7240, -4.7939,
-2.3889

■ 241.6390,
-12.6400, -5.8224

Harmonies

Analogous

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



88.1290, 81.2814, -77.2891



96.0670, 59.1270, 28.8822



78.3950, 35.3013, 111.0326

Triad

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



96.0670, 59.1270, 28.8822



92.1530, -45.4314, 58.6248



89.0270, 18.7207, -78.0767

Complementary

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



96.0670, 59.1270, 28.8822



175.9330, -59.1270, -28.8822

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.



78.5050, -16.5180, -68.8489



96.0670, 59.1270, 28.8822



90.0400, -44.3897, 4.3499

Square

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



96.0670, 59.1270, 28.8822



60.9960, -30.0710, 125.4145



69.8530, -34.4375, -61.2611



97.9360, 50.3176, -85.8899

Rectangle

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



96.0670, 59.1270, 28.8822



77.6640, 10.5186, 126.5827



69.8530, -34.4375, -61.2611



86.0630, 7.3639, -75.4773

Sweetspot

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



96.0670, 59.1270, 28.8822



212.8590, 20.7755, 9.7707



125.8960, 44.4213, -61.2988



102.3610, 12.6400, 5.8224



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



96.0670, 59.1270, 28.8822



84.9740, 83.8228, 41.2418



119.6880, 47.4818, 77.4496



98.7490, 4.0677, 1.9741



42.8160, 63.1947, 30.8564



10.8820, 15.8342, 7.9965

Inverse Universe

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



113.7580, 14.4163, 89.6662



109.8950, 20.2648, 127.2571



152.3120, -47.4818, -77.4496



99.9730, 0.9993, 6.1627



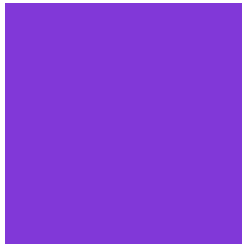
61.7310, 15.4156, 95.8289



15.5930, 4.1447, 24.0359

Previews

White Background



This preview shows how the YUV color 96.0670, 59.1270, 28.8822 looks on a white background.

Color Contrast Check

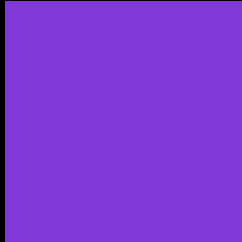
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.0670, 59.1270, 28.8822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

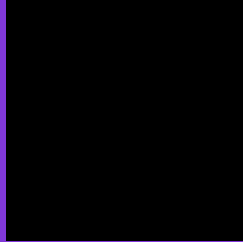
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0670, 59.1270, 28.8822

Background



This preview shows how black text looks on a background with the YUV color 96.0670, 59.1270, 28.8822.



This preview shows how white text looks on a background with the YUV color 96.0670, 59.1270,

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

96.0670, 59.1270, 28.8822

Protanopia

79.3800, 60.4517, -69.6163

Deuteranopia

79.8240, 46.9218, -70.0056



Tritanopia

99.3040, 2.3151, 4.1184

Trichromacy



Original Color

96.0670, 59.1270, 28.8822



Protanomaly

85.1980, 60.0484, -33.4996



Deuteranomaly

85.6080, 51.4653, -33.8592



Tritanomaly

97.8640, 23.2380, 13.2743

Monochromacy



Original Color

96.0670, 59.1270, 28.8822



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

95.7990, 21.7911, 10.7003

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0670, 59.1270, 28.8822 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(129, 56, 216)` looks like.

```
.text, #text, p{  
    color:rgb(129, 56, 216)  
}
```

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(129, 56, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 56, 216) }
```

Border

The CSS property to change the border of an element to YUV 96.0670, 59.1270, 28.8822 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(129, 56, 216) }
```


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

```
.border{ border-color:rgb(129, 56, 216) }
```

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

Here you see how a box with a 4 pixel rgb(129, 56, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 56, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 56, 216);  
box-shadow:4px 4px 4px 4px rgb(129, 56,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 96.0670, 59.1270, 28.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 56, 216) }
```

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

```
.background{ background-color: rgb(129, 56,  
216) }
```

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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