

Converting Colors

YUV(89.2960, 58.5211, 36.5744)

Have a look what the booklet for
YUV(89.2960, 58.5211, 36.5744)
contains.

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Color

**YUV(89.2960, 58.5211,
36.5744)**

Conversions

Conversions Part 1

Format	Color
Hex	832DD0
RGB	131, 45, 208
RGB Percent	51%, 18%, 82%
CMY	0.4863, 0.8235, 0.1843
CMYK	0.37, 0.78, 0.00, 0.18
HSL	272°, 64%, 50%
HSV	272°, 78%, 82%
XYZ	21.6836, 11.2561, 60.7043
YIQ	89.2960, -1.0670, 68.9250

Conversions

Conversions Part 2

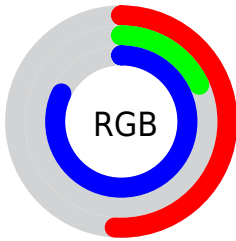
Format	Color
R _{YB}	131, 45, 208
Decimal	8596944
CIE _{Lab}	40.01, 64.10, -68.04
CIE _{LCh}	40, 93.480, 313.292
Yxy	11.2561, 0.2316, 0.1202
Android (android.graphics.Color)	4286787024 (0xFF832DD0)
YUV	89.2960, 58.5211, 36.5744
Hunter-Lab	33.5502, 56.6526, -83.7918

Details

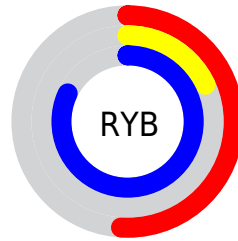
The YUV color **89.2960, 58.5211, 36.5744** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **163.7040, -58.5211, -36.5744**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1670, 54.1477, 39.3185**, and **38.8560, 55.7800, 29.0673** is the 20% darker color. If you saturate the color by 10%, you get **73.9790, 66.0724, 41.2374**, and if you desaturate by 10%, it is **104.6130, 50.9698, 31.9114**.

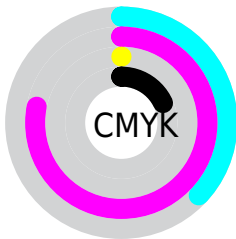
Distribution



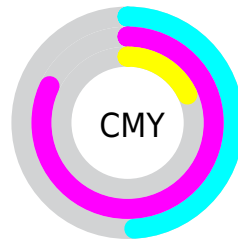
- Red (51%)
- Green (18%)
- Blue (82%)



- Red (51%)
- Yellow (18%)
- Blue (82%)



- Cyan (37%)
- Magenta (78%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2960, 58.5211, 36.5744 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 89.2960, 58.5211, 36.5744 by changing the saturation by 10% instead.

89.2960, 58.5211,
36.5744

89.2960, 58.5211,
36.5744

255.0000, 0.0000,
0.0000

55.1270, 61.5624,
41.1076

145.1670, 54.1477,
39.3185

38.8560, 55.7800,
29.0673

169.9860, 41.9119,
43.8623

26.0250, 49.2877,
11.3791

195.3920, 29.3867,
47.8912

11.4000, 43.6798,
-9.9978

213.3230, 20.5468,
36.5507

8.5500, 32.7599,
-7.4984

230.3460, 12.1544,
21.6216

8.1620, 21.1191,
-7.1581

247.3690, 3.7621,

4.4800, 12.0884,

6.6924

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 89.2960, 58.5211,
36.5744

■ 89.2960, 58.5211,
36.5744

■ 73.9790, 66.0724,
41.2374

■ 104.6130, 50.9698,
31.9114

■ 58.6620, 73.6236,
45.9004

■ 119.9300, 43.4185,
27.2484

■ 56.6020, 74.6392,
46.8300

■ 134.3610, 36.3040,
22.4854

■ 149.6780, 28.7527,
17.8224

■ 164.9950, 21.2015,
13.1594

■ 180.3120, 13.6502,
8.4964

■ 195.6290, 6.0989,
3.8334

■ 210.3590, -1.1630,
-0.3148

■ 225.3770, -8.5669,
-5.5926

Harmonies

Analogous

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



83.9230, 80.3970, -73.6005



89.2960, 58.5211, 36.5744



76.3580, 31.3755, 110.1880

Triad

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



89.2960, 58.5211, 36.5744



88.2880, -43.5260, 54.1214



86.2060, 20.6044, -75.6027

Complementary

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



89.2960, 58.5211, 36.5744



163.7040, -58.5211, -36.5744

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.



75.6840, -14.6342, -66.3749



89.2960, 58.5211, 36.5744



84.9900, -41.9001, -0.8682

Square

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



89.2960, 58.5211, 36.5744



58.9030, -29.0392, 121.1111



67.5050, -33.2800, -59.2019



94.4140, 52.0539, -82.8011

Rectangle

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



89.2960, 58.5211, 36.5744



75.4420, 7.1771, 125.0234



67.5050, -33.2800, -59.2019



83.1280, 8.8109, -72.9033

Sweetspot

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



89.2960, 58.5211, 36.5744



210.5220, 21.9277, 13.5742



109.9550, 48.3362, -56.9655



100.8990, 13.3608, 7.9816



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.



89.2960, 58.5211, 36.5744



80.3330, 86.1108, 54.0820



111.9770, 45.8603, 84.2122



97.0480, 3.9203, 2.5889



45.7630, 60.2628, 37.9188



11.2520, 14.6658, 9.4260

Inverse Universe

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



102.5150, 9.6061, 92.5103



99.7560, 14.4173, 136.1490



141.0230, -45.8603, -84.2122



97.8590, 0.5625, 6.2627



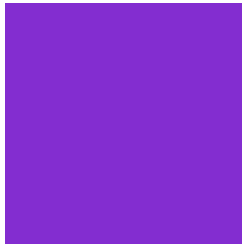
59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 89.2960, 58.5211, 36.5744 looks on a white background.

Color Contrast Check

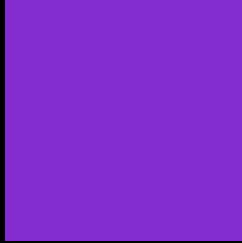
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.2960, 58.5211, 36.5744 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 89.2960, 58.5211, 36.5744

Background



This preview shows how black text looks on a background with the YUV color 89.2960, 58.5211, 36.5744.



This preview shows how white text looks on a background with the YUV color 89.2960, 58.5211,

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

89.2960, 58.5211, 36.5744

Protanopia

75.4190, 57.9674, -66.1425

Deuteranopia

75.9770, 44.8743, -66.6318



Tritanopia

95.4790, 0.2569, 10.9809

Trichromacy



Original Color

89.2960, 58.5211, 36.5744

Protanomaly

80.3620, 57.9955, -28.3815

Deuteranomaly

80.8860, 49.8492, -28.8410

Tritanomaly

93.1530, 21.6166, 20.0368

Monochromacy



Original Color

89.2960, 58.5211, 36.5744

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9950, 21.2015, 13.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2960, 58.5211, 36.5744 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(131, 45, 208)` looks like.

```
.text, #text, p{  
    color:rgb(131, 45, 208)  
}
```

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(131, 45, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 45, 208) }
```

Border

The CSS property to change the border of an element to YUV 89.2960, 58.5211, 36.5744 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(131, 45, 208) }
```


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

```
.border{ border-color:rgb(131, 45, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 45, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 45, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 45, 208);  
box-shadow:4px 4px 4px 4px rgb(131, 45,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 89.2960, 58.5211, 36.5744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 45, 208) }
```

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

```
.background{ background-color: rgb(131, 45,  
208) }
```

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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