

Converting Colors

YUV(86.4450, 45.6296, 18.0267)

Have a look what the booklet for
YUV(86.4450, 45.6296, 18.0267)
contains.

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Color

**YUV(86.4450, 45.6296,
18.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3AB3
RGB	107, 58, 179
RGB Percent	42%, 23%, 70%
CMY	0.5804, 0.7725, 0.2980
CMYK	0.40, 0.68, 0.00, 0.30
HSL	264°, 51%, 46%
HSV	264°, 68%, 70%
XYZ	15.7131, 9.4066, 43.6353
YIQ	86.4450, -9.6370, 48.0190

Conversions

Conversions Part 2

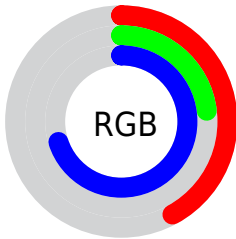
Format	Color
R_{YB}	107, 58, 179
Decimal	7027379
CIE _{Lab}	36.76, 47.02, -56.50
CIE _{LCh}	37, 73.504, 309.771
Yxy	9.4066, 0.2285, 0.1368
Android (android.graphics.Color)	4285217459 (0xFF6B3AB3)
YUV	86.4450, 45.6296, 18.0267
Hunter-Lab	30.6702, 37.7776, -62.8845

Details

The YUV color **86.4450, 45.6296, 18.0267** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **150.5550, -45.6296, -18.0267**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0370, 47.8028, 21.0156**, and **31.5480, 46.0718, 16.1824** is the 20% darker color. If you saturate the color by 10%, you get **72.5900, 52.4601, 20.5306**, and if you desaturate by 10%, it is **100.3000, 38.7991, 15.5229**.

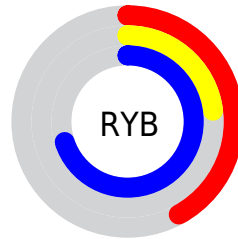
Distribution



Red (42%)

Green (23%)

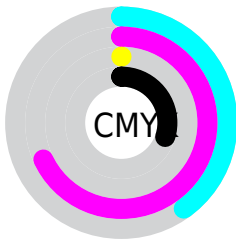
Blue (70%)



Red (42%)

Yellow (23%)

Blue (70%)

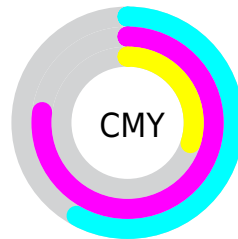


Cyan (40%)

Magenta (68%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (77%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4450, 45.6296, 18.0267 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 86.4450, 45.6296, 18.0267 by changing the saturation by 10% instead.

86.4450, 45.6296,
18.0267

86.4450, 45.6296,
18.0267

255.0000, 0.0000,
0.0000

60.3200, 45.1982,
16.3824

139.0370, 47.8028,
21.0156

31.5480, 46.0718,
16.1824

165.7230, 44.0136,
23.0449

15.4720, 41.1793,
-1.2909

190.2430, 31.9252,
26.9739

8.5500, 32.7599,
-7.4984

215.0620, 19.6894,
31.5176

8.1620, 21.1191,
-7.1581

232.6940, 10.9969,
19.5624

4.4800, 12.0884,
-3.9290

249.7170, 2.6045,

0.0000, 0.0000,

4.6332

0.0000

■ 86.4450, 45.6296,
18.0267

■ 86.4450, 45.6296,
18.0267

■ 72.5900, 52.4601,
20.5306

■ 100.3000, 38.7991,
15.5229

■ 59.0340, 59.1432,
23.6492

■ 113.8560, 32.1160,
12.4043

■ 45.1790, 65.9738,
26.1530

■ 127.7110, 25.2855,
9.9005

■ 41.9340, 67.5735,
26.3679

■ 141.5660, 18.4550,
7.3966

■ 154.5350, 12.0612,
4.7928

■ 168.3900, 5.2307,
2.2890

■ 182.2450, -1.5998,
-0.2149

■ 195.8010, -8.2829,
-3.3335

■ 209.6560,
-15.1134, -5.8373

Harmonies

Analogous

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



75.7270, 64.2246, -66.4126



86.4450, 45.6296, 18.0267



64.9380, 31.5826, 90.3854

Triad

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



86.4450, 45.6296, 18.0267



81.1780, -40.0208, 49.8329



76.5400, 14.0308, -67.1256

Complementary

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



86.4450, 45.6296, 18.0267



150.5550, -45.6296, -18.0267

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.



68.1840, -12.9087, -59.7974



86.4450, 45.6296, 18.0267



79.4410, -39.1644, 8.3832

Square

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



86.4450, 45.6296, 18.0267



65.9550, -28.0788, 93.0015



59.8740, -29.5179, -52.5095



83.0380, 38.9283, -72.8243

Rectangle

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



86.4450, 45.6296, 18.0267



64.9770, 12.3363, 103.5062



59.8740, -29.5179, -52.5095



73.5590, 5.1474, -64.5112

Sweetspot

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



86.4450, 45.6296, 18.0267



196.6260, 17.4394, 6.4670



114.6450, 31.7270, -49.6777



95.7800, 10.4615, 4.5779



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



86.4450, 45.6296, 18.0267



88.1560, 70.9151, 27.9272



104.3850, 36.7852, 54.9134



82.2220, 3.3416, 1.5593



35.9800, 57.6909, 22.8195



5.9540, 9.8827, 3.5483

Inverse Universe

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



102.3870, 13.6132, 67.1896



112.9800, 21.2089, 104.3805



132.6150, -36.7852, -54.9134



83.3750, 1.2941, 4.9331



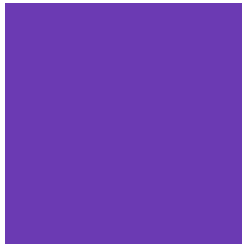
56.1210, 17.1953, 84.9629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 86.4450, 45.6296, 18.0267 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 86.4450, 45.6296, 18.0267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

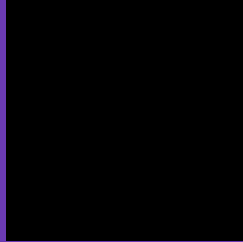
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4450, 45.6296, 18.0267

Background



This preview shows how black text looks on a background with the YUV color 86.4450, 45.6296, 18.0267.



This preview shows how white text looks on a background with the YUV color 86.4450, 45.6296,

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

86.4450, 45.6296, 18.0267

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

69.7990, 41.5111, -61.2137



Tritanopia

87.2820, 2.3260, 0.6297

Trichromacy



Original Color

86.4450, 45.6296, 18.0267

Protanomaly

75.9780, 50.2968, -32.4297

Deuteranomaly

76.0290, 42.8767, -32.4744

Tritanomaly

87.1530, 18.1656, 6.8818

Monochromacy



Original Color

86.4450, 45.6296, 18.0267

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3980, 16.5658, 6.6670

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4450, 45.6296, 18.0267 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(107, 58, 179)` looks like.

```
.text, #text, p{  
    color:rgb(107, 58, 179)  
}
```

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(107, 58, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 58, 179) }
```

Border

The CSS property to change the border of an element to YUV 86.4450, 45.6296, 18.0267 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(107, 58, 179) }
```


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

```
.border{ border-color:rgb(107, 58, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 58, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 58, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 58, 179);  
box-shadow:4px 4px 4px 4px rgb(107, 58,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 86.4450, 45.6296, 18.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 58, 179) }
```

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

```
.background{ background-color: rgb(107, 58,  
179) }
```

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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