

Converting Colors

YUV(86.2310, 33.4101, 17.3374)

Have a look what the booklet for
YUV(86.2310, 33.4101, 17.3374)
contains.

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Color

**YUV(86.2310, 33.4101,
17.3374)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3F9A
RGB	106, 63, 154
RGB Percent	42%, 25%, 60%
CMY	0.5843, 0.7529, 0.3961
CMYK	0.31, 0.59, 0.00, 0.40
HSL	268°, 42%, 43%
HSV	268°, 59%, 60%
XYZ	13.5541, 8.9523, 31.5854
YIQ	86.2310, -3.5830, 37.4170

Conversions

Conversions Part 2

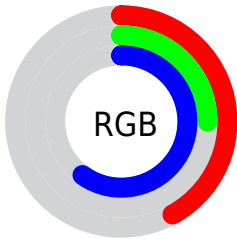
Format	Color
RYB	106, 63, 154
Decimal	6963098
CIELab	35.89, 37.55, -42.93
CIElCh	36, 57.033, 311.179
Yxy	8.9523, 0.2506, 0.1655
Android (android.graphics.Color)	4285153178 (0xFF6A3F9A)
YUV	86.2310, 33.4101, 17.3374
Hunter-Lab	29.9204, 28.5009, -41.6452

Details

The YUV color **86.2310, 33.4101, 17.3374** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **130.7690, -33.4101, -17.3374**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9970, 35.0045, 19.2966**, and **36.5790, 32.2526, 15.2782** is the 20% darker color. If you saturate the color by 10%, you get **75.0340, 38.9302, 20.1412**, and if you desaturate by 10%, it is **97.4280, 27.8900, 14.5336**.

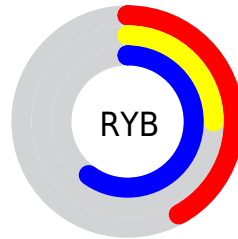
Distribution



Red (42%)

Green (25%)

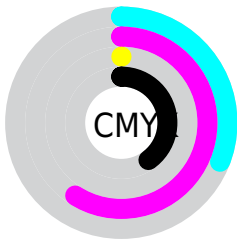
Blue (60%)



Red (42%)

Yellow (25%)

Blue (60%)

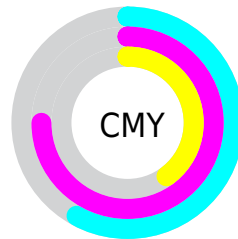


Cyan (31%)

Magenta (59%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (75%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.2310, 33.4101, 17.3374 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 86.2310, 33.4101, 17.3374 by changing the saturation by 10% instead.

86.2310, 33.4101,
17.3374

86.2310, 33.4101,
17.3374

255.0000, 0.0000,
0.0000

61.4050, 32.8313,
16.3078

137.9970, 35.0045,
19.2966

36.5790, 32.2526,
15.2782

164.9370, 36.0201,
20.2263

16.8510, 29.6535,
8.9007

190.8080, 31.6467,
22.9704

6.1560, 23.5871,
-5.3988

215.9150, 19.2689,
26.3845

4.8220, 13.3988,
-4.2289

235.0420, 9.8393,
17.5032

0.3420, 1.3104,
-0.2999

252.0650, 1.4470,

0.0000, 0.0000,

2.5740

0.0000

■ 86.2310, 33.4101,
17.3374

■ 86.2310, 33.4101,
17.3374

■ 75.0340, 38.9302,
20.1412

■ 97.4280, 27.8900,
14.5336

■ 63.2500, 44.7398,
23.4597

■ 109.2120, 22.0805,
11.2151

■ 52.0530, 50.2599,
26.2635

■ 120.4090, 16.5604,
8.4113

■ 40.2690, 56.0694,
29.5821

■ 132.1930, 10.7509,
5.0927

■ 39.3830, 56.5062,
29.4821

■ 143.6890, 5.0833,
2.9037

■ 154.8860, -0.4368,
0.1000

■ 166.6700, -6.2463,
-3.2186

■ 177.8670,
-11.7664, -6.0224

■ 189.6510,
-17.5759, -9.3409

Harmonies

Analogous

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



69.8450, 51.8414, -61.2541



86.2310, 33.4101, 17.3374



79.0920, 17.7026, 62.1863

Triad

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



86.2310, 33.4101, 17.3374



79.3510, -39.1200, 40.9112



72.5620, 14.0199, -63.6369

Complementary

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



86.2310, 33.4101, 17.3374



130.7690, -33.4101, -17.3374

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.



65.9160, -6.3676, -57.8083



86.2310, 33.4101, 17.3374



77.9680, -38.4382, 8.7981

Square

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



86.2310, 33.4101, 17.3374



76.7730, -25.5241, 66.8511



67.0940, -33.0773, -30.7774



76.8770, 33.0916, -67.4211

Rectangle

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



86.2310, 33.4101, 17.3374



72.2160, 6.3025, 78.7406



67.0940, -33.0773, -30.7774



70.7380, 7.0312, -62.0372

Sweetspot

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



86.2310, 33.4101, 17.3374



174.1870, 13.2188, 6.8520



102.1370, 25.5685, -34.3231



85.4980, 8.1355, 3.9483



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



86.2310, 33.4101, 17.3374



94.6340, 52.4384, 27.5080



99.6860, 26.7768, 45.0024



70.8090, 3.0522, 1.0445



35.6940, 51.4229, 26.5784



3.2760, 4.7939, 2.3889

Inverse Universe

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



95.6810, 7.5523, 51.1458



109.4210, 12.1174, 80.3148



117.3140, -26.7768, -45.0024



71.8480, 0.5679, 4.5183



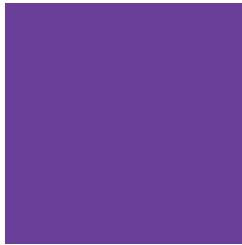
50.2960, 11.6861, 78.6704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 86.2310, 33.4101, 17.3374 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 86.2310, 33.4101, 17.3374 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 86.2310, 33.4101, 17.3374

Background



This preview shows how black text looks on a background with the YUV color 86.2310, 33.4101, 17.3374.



This preview shows how white text looks on a background with the YUV color 86.2310, 33.4101,

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

86.2310, 33.4101, 17.3374

Protanopia

69.7640, 51.3883, -55.9210

Deuteranopia

76.1390, 35.9205, -41.3409



Tritanopia

85.3860, 1.2887, 6.6775

Trichromacy



Original Color

86.2310, 33.4101, 17.3374

Protanomaly

75.6210, 45.0498, -29.4856

Deuteranomaly

80.0430, 34.9818, -20.2087

Tritanomaly

85.5080, 13.0606, 10.9555

Monochromacy



Original Color

86.2310, 33.4101, 17.3374

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2470, 12.2032, 5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.2310, 33.4101, 17.3374 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(106, 63, 154)` looks like.

```
.text, #text, p{  
    color:rgb(106, 63, 154)  
}
```

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(106, 63, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 63, 154) }
```

Border

The CSS property to change the border of an element to YUV 86.2310, 33.4101, 17.3374 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(106, 63, 154) }
```


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

```
.border{ border-color:rgb(106, 63, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 63, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 63, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 63, 154);  
box-shadow:4px 4px 4px 4px rgb(106, 63,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 86.2310, 33.4101, 17.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 63, 154) }
```

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

```
.background{ background-color: rgb(106, 63,  
154) }
```

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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