

Converting Colors

YUV(86.5100, 26.8636, 17.0927)

Have a look what the booklet for
YUV(86.5100, 26.8636, 17.0927)
contains.

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Color

**YUV(86.5100, 26.8636,
17.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	6A428D
RGB	106, 66, 141
RGB Percent	42%, 26%, 55%
CMY	0.5843, 0.7412, 0.4471
CMYK	0.25, 0.53, 0.00, 0.45
HSL	272°, 36%, 41%
HSV	272°, 53%, 55%
XYZ	12.6998, 8.8837, 26.2447
YIQ	86.5100, -0.2350, 31.8050

Conversions

Conversions Part 2

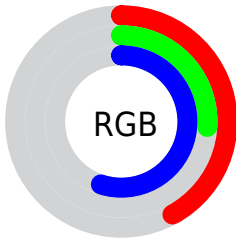
Format	Color
R_{YB}	106, 66, 141
Decimal	6963853
CIE Lab	35.76, 32.52, -35.23
CIE LCh	36, 47.940, 312.708
Yxy	8.8837, 0.2655, 0.1857
Android (android.graphics.Color)	4285153933 (0xFF6A428D)
YUV	86.5100, 26.8636, 17.0927
Hunter-Lab	29.8055, 23.8972, -31.3428

Details

The YUV color **86.5100, 26.8636, 17.0927** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **120.4900, -26.8636, -17.0927**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2760, 28.4579, 19.0519**, and **38.4450, 25.4166, 14.5187** is the 20% darker color. If you saturate the color by 10%, you get **76.1990, 31.9469, 19.9965**, and if you desaturate by 10%, it is **96.8210, 21.7802, 14.1890**.

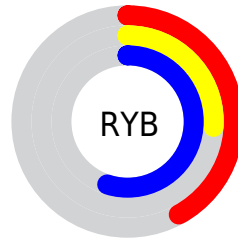
Distribution



Red (42%)

Green (26%)

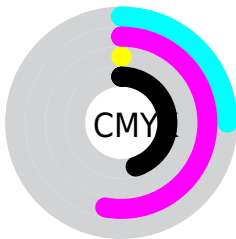
Blue (55%)



Red (42%)

Yellow (26%)

Blue (55%)

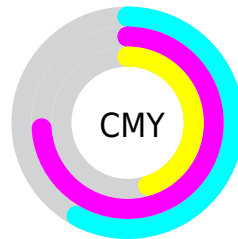


Cyan (25%)

Magenta (53%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (74%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5100, 26.8636, 17.0927 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 86.5100, 26.8636, 17.0927 by changing the saturation by 10% instead.

86.5100, 26.8636,
17.0927

86.5100, 26.8636,
17.0927

255.0000, 0.0000,
0.0000

62.2710, 25.9954,
15.5483

137.2760, 28.4579,
19.0519

38.4450, 25.4166,
14.5187

164.1020, 29.0367,
20.0815

16.7930, 24.2591,
12.4595

191.6290, 29.7629,
20.4964

5.0160, 19.2191,
-4.3990

216.4910, 18.9849,
24.1254

3.0950, 9.3202,
-2.7143

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

253.2390, 0.8682,

1.5444

■ 86.5100, 26.8636,
17.0927

■ 86.5100, 26.8636,
17.0927

■ 76.1990, 31.9469,
19.9965

■ 96.8210, 21.7802,
14.1890

■ 66.1870, 36.8828,
23.5150

■ 106.8330, 16.8443,
10.6705

■ 55.8760, 41.9661,
26.4187

■ 117.1440, 11.7610,
7.7667

■ 45.8640, 46.9020,
29.9373

■ 127.1560, 6.8251,
4.2482

■ 38.4990, 50.5330,
32.0114

■ 138.0540, 1.4524,
0.8296

■ 148.0660, -3.4835,
-2.6889

■ 158.3770, -8.5669,
-5.5926

■ 168.6880,
-13.6502, -8.4964

■ 178.7000,
-18.5861, -12.0149

Harmonies

Analogous

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



72.9410, 42.9201, -46.4293



86.5100, 26.8636, 17.0927



82.6470, 12.4990, 51.1756

Triad

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



86.5100, 26.8636, 17.0927



79.3180, -39.1038, 35.6781



71.2740, 14.1619, -62.5073

Complementary

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



86.5100, 26.8636, 17.0927



120.4900, -26.8636, -17.0927

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.



65.5400, -2.7312, -57.4786



86.5100, 26.8636, 17.0927



77.0820, -38.0014, 8.6981

Square

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



86.5100, 26.8636, 17.0927



79.9780, -23.1602, 55.2703



71.3040, -24.7999, -25.6996



74.2040, 30.4654, -65.0769

Rectangle

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



86.5100, 26.8636, 17.0927



79.7380, 1.1152, 62.4968



71.3040, -24.7999, -25.6996



69.2050, 8.7729, -60.6928

Sweetspot

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



86.5100, 26.8636, 17.0927



162.2040, 10.7454, 6.8371



95.0950, 22.6312, -25.5163



79.0420, 6.3883, 4.3482



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



86.5100, 26.8636, 17.0927



98.2890, 42.2555, 26.9335



96.7470, 20.8307, 38.8099



65.9940, 2.4680, 1.7593



36.9180, 48.3544, 30.7669



2.1080, 2.9048, 1.6593

Inverse Universe

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



92.4150, 4.2324, 42.6090



107.5520, 6.6299, 67.0449



110.3670, -20.3939, -38.9099



66.5490, 0.7153, 3.9035



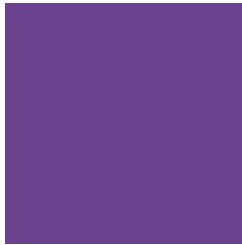
47.5470, 7.6183, 76.6963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 86.5100, 26.8636, 17.0927 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 86.5100, 26.8636, 17.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

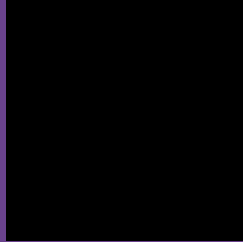
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5100, 26.8636, 17.0927

Background



This preview shows how black text looks on a background with the YUV color 86.5100, 26.8636, 17.0927.



This preview shows how white text looks on a background with the YUV color 86.5100, 26.8636,

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

86.5100, 26.8636, 17.0927

Protanopia

79.7860, 38.0665, -29.6303

Deuteranopia

81.0610, 27.5779, -25.4865



Tritanopia

85.4680, 0.2623, 9.2366

Trichromacy



Original Color

86.5100, 26.8636, 17.0927

Protanomaly

82.1580, 33.9391, -12.4166

Deuteranomaly

83.0460, 27.0923, -9.6873

Tritanomaly

86.0090, 9.8556, 12.2701

Monochromacy



Original Color

86.5100, 26.8636, 17.0927

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6770, 10.0192, 6.4223

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5100, 26.8636, 17.0927 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, 66, 141)` looks like.

```
.text, #text, p{  
    color:rgb(106, 66, 141)  
}
```

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, 66, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 66, 141) }
```

Border

The CSS property to change the border of an element to YUV 86.5100, 26.8636, 17.0927 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, 66, 141) }
```


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

```
.border{ border-color:rgb(106, 66, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 66, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 66, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 66, 141);  
box-shadow:4px 4px 4px 4px rgb(106, 66,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 86.5100, 26.8636, 17.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 66, 141) }
```

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

```
.background{ background-color: rgb(106, 66,  
141) }
```

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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