

Converting Colors

YUV(85.8720, 27.6711, -8.6577)

Have a look what the booklet for
YUV(85.8720, 27.6711, -8.6577)
contains.

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Color

**YUV(85.8720, 27.6711,
-8.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	4C508E
RGB	76, 80, 142
RGB Percent	30%, 31%, 56%
CMY	0.7020, 0.6863, 0.4431
CMYK	0.46, 0.44, 0.00, 0.44
HSL	236°, 30%, 43%
HSV	236°, 46%, 56%
XYZ	10.7316, 9.2268, 26.8065
YIQ	85.8720, -22.2860, 18.4340

Conversions

Conversions Part 2

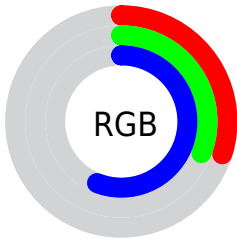
Format	Color
R_{YB}	76, 80, 142
Decimal	5001358
CIE _{Lab}	36.42, 15.73, -34.97
CIE _{LCh}	36, 38.348, 294.212
Yxy	9.2268, 0.2295, 0.1973
Android (android.graphics.Color)	4283191438 (0xFF4C508E)
YUV	85.8720, 27.6711, -8.6577
Hunter-Lab	30.3757, 9.9061, -31.0604

Details

The YUV color **85.8720, 27.6711, -8.6577** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.1280, -27.6711, 8.6577**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3390, 29.4129, -7.3133**, and **38.0840, 26.0876, -14.1057** is the 20% darker color. If you saturate the color by 10%, you get **74.0550, 33.4969, -10.5722**, and if you desaturate by 10%, it is **97.6890, 21.8453, -6.7433**.

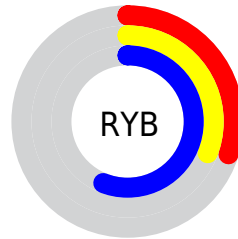
Distribution



Red (30%)

Green (31%)

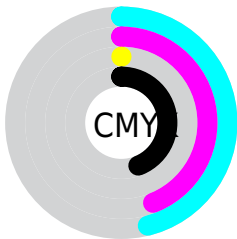
Blue (56%)



Red (30%)

Yellow (31%)

Blue (56%)

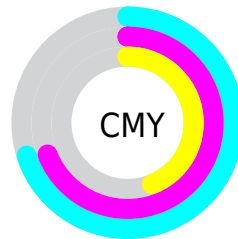


Cyan (46%)

Magenta (44%)

Yellow (0%)

Black (44%)



Cyan (70%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8720, 27.6711, -8.6577 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 85.8720, 27.6711, -8.6577 by changing the saturation by 10% instead.

■ 85.8720, 27.6711,
-8.6577

■ 85.8720, 27.6711,
-8.6577

■ 255.0000, 0.0000,
0.0000

■ 61.6330, 26.8029,
-10.2021

■ 136.3390, 29.4129,
-7.3133

■ 38.0840, 26.0876,
-14.1057

■ 162.8660, 30.1391,
-6.8985

■ 17.0300, 24.6352,
-14.9353

■ 190.3930, 30.8653,
-6.4837

■ 6.8910, 18.7877,
-6.0434

■ 214.8420, 19.7979,
-3.3694

■ 3.2090, 9.7570,
-2.8143

■ 240.5360, 7.1308,
-0.4701

■ 0.0000, 0.0000,
0.0000

■ 85.8720, 27.6711,
-8.6577

■ 85.8720, 27.6711,
-8.6577

■ 74.0550, 33.4969,
-10.5722

■ 97.6890, 21.8453,
-6.7433

■ 61.6510, 39.6121,
-11.9719

■ 110.0930, 15.7302,
-5.3436

■ 49.5350, 45.5852,
-14.5012

■ 122.2090, 9.7570,
-2.8143

■ 37.7180, 51.4110,
-16.4157

■ 134.0260, 3.9312,
-0.8998

■ 25.3140, 57.5262,
-17.8154

■ 146.4300, -2.1840,
0.4999

■ 21.4710, 59.4208,
-18.8301

■ 158.2470, -8.0098,
2.4144

■ 170.0640,
-13.8356, 4.3289

■ 182.7670,

-20.0981, 6.3433

■ 194.5840,
-25.9239, 8.2578

Harmonies

Analogous

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



70.1750, 37.8747, -61.5435



85.8720, 27.6711, -8.6577



88.2200, 16.6535, 25.2401

Triad

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



85.8720, 27.6711, -8.6577



84.0640, -23.6956, 40.2859



67.5920, 5.1311, -59.2782

Complementary

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



85.8720, 27.6711, -8.6577



132.1280, -27.6711, 8.6577

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.



73.7730, -12.7061, -31.3729



85.8720, 27.6711, -8.6577



82.4070, -30.7667, 21.5681

Square

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



85.8720, 27.6711, -8.6577



84.4470, -11.0664, 49.5970



79.5890, -26.9124, -1.3936



71.2400, 19.1087, -62.4775

Rectangle

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



85.8720, 27.6711, -8.6577



86.7290, 8.0216, 40.5797



79.5890, -26.9124, -1.3936



66.4520, 0.7632, -58.2784

Sweetspot

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



85.8720, 27.6711, -8.6577



161.5510, 11.0674, -3.1142



121.8100, 7.9817, -40.1754



78.4110, 6.6994, -2.1144



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.



85.8720, 27.6711, -8.6577



96.2640, 43.2538, -13.3865



92.1950, 24.5539, 11.2300



65.3850, 2.7682, -1.2146



20.0860, 56.6526, -17.6154



0.9120, 3.4944, -0.7998

Inverse Universe

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



96.1900, -7.9817, 40.1754



112.4810, -12.5621, 62.7222



125.8050, -24.5539, -11.2300



66.2070, -0.5951, 4.2035



41.2770, -16.4056, 82.1951



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 85.8720, 27.6711, -8.6577 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 85.8720, 27.6711, -8.6577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

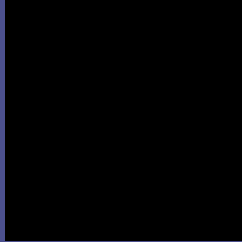
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8720, 27.6711, -8.6577

Background



This preview shows how black text looks on a background with the YUV color 85.8720, 27.6711, -8.6577.



This preview shows how white text looks on a background with the YUV color 85.8720, 27.6711,

-8.6577.

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

85.8720, 27.6711, -8.6577

Protanopia

83.4790, 30.3299, -21.4681

Deuteranopia

81.8050, 29.1831, -27.0160



Tritanopia

82.7250, 7.0376, -17.2988

Trichromacy



Original Color

85.8720, 27.6711, -8.6577

Protanomaly

84.5720, 29.2980, -17.1646

Deuteranomaly

83.3220, 28.4353, -20.4534

Tritanomaly

83.6960, 14.4469, -13.7654

Monochromacy



Original Color

85.8720, 27.6711, -8.6577

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9100, 9.9044, -3.4291

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8720, 27.6711, -8.6577 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(76, 80, 142)` looks like.

```
.text, #text, p{  
    color:rgb(76, 80, 142)  
}
```

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(76, 80, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 80, 142) }
```

Border

The CSS property to change the border of an element to YUV 85.8720, 27.6711, -8.6577 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(76, 80, 142) }
```


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

```
.border{ border-color:rgb(76, 80, 142) }
```

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

Here you see how a box with a 4 pixel rgb(76, 80, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 80, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 80, 142);  
box-shadow:4px 4px 4px 4px rgb(76, 80,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 85.8720, 27.6711, -8.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 80, 142) }
```

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

```
.background{ background-color: rgb(76, 80,  
142) }
```

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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