

Converting Colors

YUV(86.6600, 12.4926, 6.4372)

Have a look what the booklet for
YUV(86.6600, 12.4926, 6.4372)
contains.

YUV(86.6600, 12.4926, 6.4372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.6600, 12.4926,
6.4372)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4E70
RGB	94, 78, 112
RGB Percent	37%, 31%, 44%
CMY	0.6314, 0.6941, 0.5608
CMYK	0.16, 0.30, 0.00, 0.56
HSL	268°, 18%, 37%
HSV	268°, 30%, 44%
XYZ	10.2651, 8.9983, 16.5251
YIQ	86.6600, -1.3780, 13.9660

Conversions

Conversions Part 2

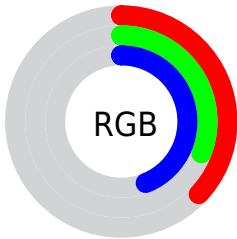
Format	Color
R_{YB}	94, 78, 112
Decimal	6180464
CIE _{Lab}	35.98, 14.05, -17.06
CIE _{LCh}	36, 22.103, 309.483
Yxy	8.9983, 0.2868, 0.2514
Android (android.graphics.Color)	4284370544 (0xFF5E4E70)
YUV	86.6600, 12.4926, 6.4372
Hunter-Lab	29.9972, 8.5881, -11.6640

Details

The YUV color **86.6600, 12.4926, 6.4372** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **103.3400, -12.4926, -6.4372**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6000, 13.5082, 7.3668**, and **41.3070, 11.1876, 4.9928** is the 20% darker color. If you saturate the color by 10%, you get **78.4090, 16.5604, 8.4113**, and if you desaturate by 10%, it is **94.9110, 8.4249, 4.4631**.

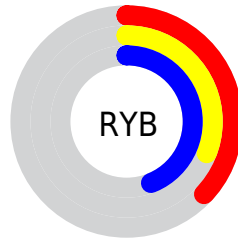
Distribution



 Red (37%)

 Green (31%)

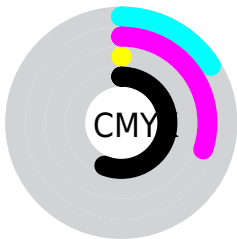
 Blue (44%)



 Red (37%)

 Yellow (31%)

 Blue (44%)

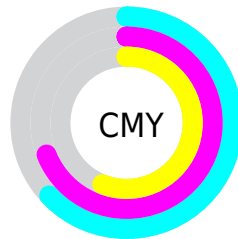



 Cyan (16%)


 Magenta (30%)

 Yellow (0%)

 Black (56%)



 Cyan (63%)

 Magenta (69%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6600, 12.4926, 6.4372 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 86.6600, 12.4926, 6.4372 by changing the saturation by 10% instead.

86.6600, 12.4926,
6.4372

86.6600, 12.4926,
6.4372

255.0000, 0.0000,
0.0000

63.1330, 11.7664,
6.0224

136.6000, 13.5082,
7.3668

41.3070, 11.1876,
4.9928

162.7140, 13.9450,
7.2668

20.1930, 10.7509,
5.0927

190.1270, 14.2344,
7.7816

2.9810, 8.8834,
-2.6143

218.1270, 14.2344,
7.7816

0.0000, 0.0000,
0.0000

243.8470, 5.4984,
9.7812

■ 86.6600, 12.4926,
6.4372

■ 86.6600, 12.4926,
6.4372

■ 78.4090, 16.5604,
8.4113

■ 94.9110, 8.4249,
4.4631

■ 70.1580, 20.6281,
10.3854

■ 103.1620, 4.3571,
2.4889

■ 61.3200, 24.9852,
12.8744

■ 112.0000, 0.0000,
0.0000

■ 53.0690, 29.0530,
14.8485

■ 120.2510, -4.0677,
-1.9741

■ 44.8180, 33.1207,
16.8226

■ 128.5020, -8.1355,
-3.9483

■ 36.5670, 37.1885,
18.7967


■ 136.7530,
-12.2032, -5.9224

■ 28.6150, 41.1088,
21.3856

■ 145.0040,
-16.2710, -7.8965

■ 153.5430,

-20.4807, -11.0002

 161.7940,
-24.5484, -12.9743

Harmonies

Analogous

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



83.5050, 17.4990, -12.7209



86.6600, 12.4926, 6.4372



87.0980, 4.8817, 20.9621

Triad

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



86.6600, 12.4926, 6.4372



84.2940, -15.9209, 19.9132



73.2120, 8.2765, -41.4049

Complementary

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



86.6600, 12.4926, 6.4372



103.3400, -12.4926, -6.4372

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.



77.7490, -2.8343, -24.3359



86.6600, 12.4926, 6.4372



82.6900, -16.6092, 7.2879

Square

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



86.6600, 12.4926, 6.4372



85.6030, -11.1433, 27.5352



80.8560, -11.7610, -7.7667



71.2740, 17.6129, -49.3523

Rectangle

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



86.6600, 12.4926, 6.4372



86.7630, -0.3762, 27.3948



80.8560, -11.7610, -7.7667



74.9200, 4.4764, -35.8868

Sweetspot

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



86.6600, 12.4926, 6.4372



135.2760, 4.7939, 2.3889



92.4420, 9.6421, -12.6656



68.1080, 2.9048, 1.6593



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



86.6600, 12.4926, 6.4372



106.4030, 19.0283, 10.1706



91.7430, 9.9867, 16.8884



51.5810, 2.1786, 1.2445



30.4240, 44.1610, 22.4302



62.8420, 90.7899, 46.6196

Inverse Universe

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



90.2180, 2.8505, 19.1028



111.7400, 4.5652, 29.1690



98.2570, -9.9867, -16.8884



52.1360, 0.4260, 3.3887



43.0620, 9.8294, 67.4746



88.7870, 20.8110, 138.7528

Previews

White Background



This preview shows how the YUV color 86.6600, 12.4926, 6.4372 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 86.6600, 12.4926, 6.4372 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 86.6600, 12.4926, 6.4372

Background



This preview shows how black text looks on a background with the YUV color 86.6600, 12.4926, 6.4372.

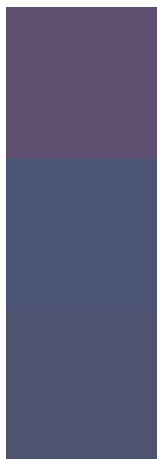


This preview shows how white text looks on a background with the YUV color 86.6600, 12.4926,

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

86.6600, 12.4926, 6.4372

Protanopia

84.9570, 15.3042, -8.7323

Deuteranopia

84.9960, 12.8200, -5.2585



Tritanopia

85.1900, 1.8783, 4.2184

Trichromacy



Original Color

86.6600, 12.4926, 6.4372

Protanomaly

85.7620, 14.4143, -3.2993

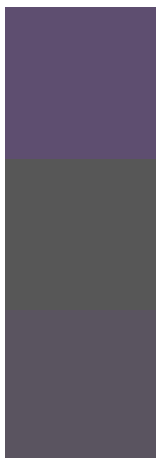
Deuteranomaly

85.3170, 12.6617, -1.1550

Tritanomaly

85.8140, 5.5147, 4.5481

Monochromacy



Original Color

86.6600, 12.4926, 6.4372

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6600, 12.4926, 6.4372 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(94, 78, 112)` looks like.

```
.text, #text, p{  
    color:rgb(94, 78, 112)  
}
```

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(94, 78, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 78, 112) }
```

Border

The CSS property to change the border of an element to YUV 86.6600, 12.4926, 6.4372 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(94, 78, 112) }
```


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

```
.border{ border-color:rgb(94, 78, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 78, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 78, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 78, 112);  
box-shadow:4px 4px 4px 4px rgb(94, 78,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 86.6600, 12.4926, 6.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 78, 112) }
```

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

```
.background{ background-color: rgb(94, 78,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor