

Converting Colors

YUV(112.6600, -4.2694,
16.0842)

Have a look what the booklet for
YUV(112.6600, -4.2694, 16.0842)
contains.

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Color

**YUV(112.6600, -4.2694,
16.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	836968
RGB	131, 105, 104
RGB Percent	51%, 41%, 41%
CMY	0.4863, 0.5882, 0.5922
CMYK	0.00, 0.20, 0.21, 0.49
HSL	2°, 11%, 46%
HSV	2°, 21%, 51%
XYZ	16.9103, 15.9279, 15.2798
YIQ	112.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

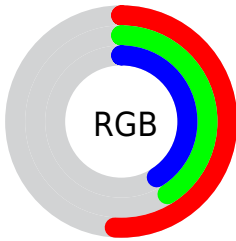
Format	Color
R_{YB}	131, 105, 104
Decimal	8612200
CIE _{Lab}	46.88, 10.18, 4.48
CIE _{LCh}	47, 11.126, 23.753
Yxy	15.9279, 0.3514, 0.3310
Android (android.graphics.Color)	4286802280 (0xFF836968)
YUV	112.6600, -4.2694, 16.0842
Hunter-Lab	39.9098, 5.7908, 5.2371

Details

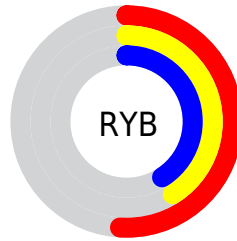
The YUV color **112.6600, -4.2694, 16.0842** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.3400, 4.2694, -16.0842**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2580, -4.5642, 17.3137**, and **64.7630, -3.8272, 14.2398** is the 20% darker color. If you saturate the color by 10%, you get **103.5470, -6.1857, 24.0763**, and if you desaturate by 10%, it is **121.7730, -2.3531, 8.0921**.

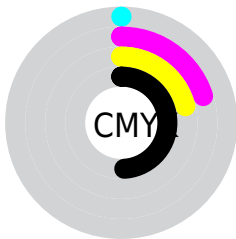
Distribution



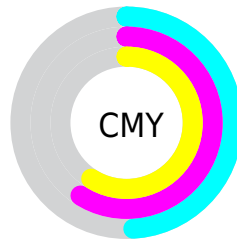
- Red (51%)
- Green (41%)
- Blue (41%)



- Red (51%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6600, -4.2694, 16.0842 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 112.6600, -4.2694, 16.0842 by changing the saturation by 10% instead.

■ 112.6600, -4.2694,
16.0842

■ 112.6600, -4.2694,
16.0842

255.0000, 0.0000,
0.0000

■ 88.3610, -4.1220,
15.4694

■ 164.2580, -4.5642,
17.3137

■ 64.7630, -3.8272,
14.2398

■ 191.5570, -4.7116,
17.9285

■ 42.5780, -3.2430,
13.5251

■ 219.7420, -5.2958,
18.6433

■ 21.7520, -3.8217,
12.4955

■ 243.6700, -2.7953,
9.9364

■ 0.0000, 0.0000,
0.0000

■ 112.6600, -4.2694,

■ 112.6600, -4.2694,

16.0842

16.0842

■ 103.5470, -6.1857,
24.0763

■ 121.7730, -2.3531,
8.0921

■ 95.0210, -8.3914,
31.5536

■ 130.2990, -0.1474,
0.6148

■ 85.9080, -10.3076,
39.5457

■ 139.4120, 1.7689,
-7.3773

■ 77.3820, -12.5133,
47.0230

■ 147.9380, 3.9746,
-14.8546

■ 68.2690, -14.4296,
55.0151

■ 157.1650, 6.3277,
-22.9467

■ 59.0420, -16.7827,
63.1072

■ 166.2780, 8.2439,
-30.9388

■ 50.5160, -18.9884,
70.5845

■ 174.8040, 10.4496,
-38.4161

■ 42.1040, -20.7573,
77.9618

■ 183.9170, 12.3659,
-46.4082

■ 193.0300, 14.2822,
-54.4003

Harmonies

Analogous

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



113.0880, -0.0434, 13.9548



112.6600, -4.2694, 16.0842



112.0250, -7.9003, 14.0101

Triad

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



112.6600, -4.2694, 16.0842



108.8050, -4.3409, -7.7220



110.6380, 9.0525, -10.2065

Complementary

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



112.6600, -4.2694, 16.0842



122.3400, 4.2694, -16.0842

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.



108.7790, 8.4900, -16.4692



112.6600, -4.2694, 16.0842



108.3140, 0.3382, -15.1844

Square

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



112.6600, -4.2694, 16.0842



110.2360, -8.0043, 0.6700



107.5570, 5.1484, -18.0285



111.4650, 8.1518, -1.2848

Rectangle

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



112.6600, -4.2694, 16.0842



111.3620, -9.0525, 10.2065



107.5570, 5.1484, -18.0285



109.4420, 9.6421, -12.6656

Sweetspot

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



112.6600, -4.2694, 16.0842



163.9900, -1.4741, 6.1478



115.0370, 7.3768, 13.9996



82.7940, -0.8844, 3.6887



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.6600, -4.2694, 16.0842



142.0310, -6.9173, 25.4058



120.2910, -8.0315, 9.3918



61.7940, -0.8844, 3.6887



41.8050, -20.6099, 77.3470



0.8970, -0.4422, 1.8443

Inverse Universe

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



122.3400, 4.2694, -16.0842



156.9690, 6.9173, -25.4058



114.7090, 8.0315, -9.3918



64.2060, 0.8844, -3.6887



88.1950, 20.6099, -77.3470



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 112.6600, -4.2694, 16.0842 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 × Fail

Black Background



This preview shows how the YUV color 112.6600, -4.2694, 16.0842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6600, -4.2694, 16.0842

Background



This preview shows how black text looks on a background with the YUV color 112.6600, -4.2694, 16.0842.



This preview shows how white text looks on a background with the YUV color 112.6600, -4.2694,

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

112.6600, -4.2694, 16.0842

Protanopia

111.4410, -2.1894, 2.2442

Deuteranopia

112.0400, -3.9637, 11.3659



Tritanopia

113.2840, -0.6330, 16.4139

Trichromacy



Original Color

112.6600, -4.2694, 16.0842

Protanomaly

111.9470, -2.9319, 7.0625

Deuteranomaly

112.0510, -3.9691, 13.1103

Tritanomaly

112.9420, -1.9434, 16.7139

Monochromacy



Original Color

112.6600, -4.2694, 16.0842

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6600, -4.2694, 16.0842 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(131, 105, 104)` looks like.

```
.text, #text, p{  
    color:rgb(131, 105, 104)  
}
```

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(131, 105, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 105, 104) }
```

Border

The CSS property to change the border of an element to YUV 112.6600, -4.2694, 16.0842 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(131, 105, 104) }
```


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

```
.border{ border-color:rgb(131, 105, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 105, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 105, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 105, 104);  
box-shadow:4px 4px 4px 4px rgb(131, 105,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 112.6600, -4.2694, 16.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 105, 104) }
```

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

```
.background{ background-color: rgb(131,  
105, 104) }
```

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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