

Converting Colors

YUV(96.4600, 12.5912, 21.5216)

Have a look what the booklet for
YUV(96.4600, 12.5912, 21.5216)
contains.

YUV(96.4600, 12.5912, 21.5216)	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(96.4600, 12.5912,
21.5216)**

Conversions

Conversions Part 1

Format	Color
Hex	794F7A
RGB	121, 79, 122
RGB Percent	47%, 31%, 48%
CMY	0.5255, 0.6902, 0.5216
CMYK	0.01, 0.35, 0.00, 0.52
HSL	299°, 21%, 39%
HSV	299°, 35%, 48%
XYZ	14.1940, 11.0621, 19.7994
YIQ	96.4600, 11.2290, 22.2770

Conversions

Conversions Part 2

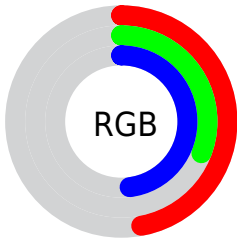
Format	Color
R_{YB}	121, 79, 122
Decimal	7950202
CIE _{Lab}	39.68, 25.25, -17.30
CIE _{LCh}	40, 30.609, 325.585
Yxy	11.0621, 0.3150, 0.2455
Android (android.graphics.Color)	4286140282 (0xFF794F7A)
YUV	96.4600, 12.5912, 21.5216
Hunter-Lab	33.2597, 17.9728, -12.0135

Details

The YUV color **96.4600, 12.5912, 21.5216** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104.5400, -12.5912, -21.5216**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6990, 13.4594, 23.0660**, and **48.9220, 11.8705, 19.3624** is the 20% darker color. If you saturate the color by 10%, you get **89.4160, 16.0639, 27.6992**, and if you desaturate by 10%, it is **103.5040, 9.1185, 15.3440**.

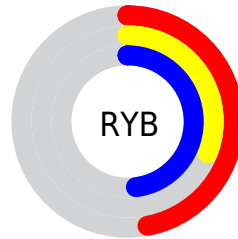
Distribution



Red (47%)

Green (31%)

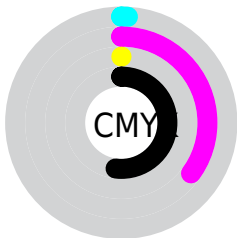
Blue (48%)



Red (47%)

Yellow (31%)

Blue (48%)

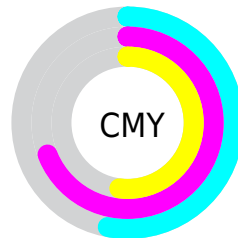


Cyan (1%)

Magenta (35%)

Yellow (0%)

Black (52%)



Cyan (53%)

Magenta (69%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4600, 12.5912, 21.5216 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 96.4600, 12.5912, 21.5216 by changing the saturation by 10% instead.

■ 96.4600, 12.5912,
21.5216

■ 96.4600, 12.5912,
21.5216

■ 255.0000, 0.0000,
0.0000

■ 72.0470, 12.3018,
21.0068

■ 147.6990, 13.4594,
23.0660

■ 48.9220, 11.8705,
19.3624

■ 174.4110, 13.6014,
24.1956

■ 25.9220, 11.8705,
19.3624

■ 201.8240, 13.8908,
24.7104

■ 12.3900, 8.6817,
15.4440

■ 228.5850, 13.0226,
23.1660

■ 0.0000, 0.0000,
0.0000

■ 245.0210, 4.9196,
8.7516

96.4600, 12.5912,
21.5216

96.4600, 12.5912,
21.5216

89.4160, 16.0639,
27.6992

103.5040, 9.1185,
15.3440

82.0730, 19.6840,
33.2620

110.8470, 5.4984,
9.7812

74.4420, 23.4461,
39.9544

118.4780, 1.7363,
3.0888

67.3980, 26.9188,
46.1320

125.5220, -1.7363,
-3.0888

60.3540, 30.3915,
52.3095

132.5660, -5.2090,
-9.2664

53.0110, 34.0116,
57.8724


139.9090, -8.8291,
-14.8292

49.4890, 35.7479,
60.9611

146.9530,
-12.3018, -21.0068

154.5840,

-16.0639, -27.6992

 161.9270,
-19.6840, -33.2620

Harmonies

Analogous

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



94.2980, 21.5451, -3.7693



96.4600, 12.5912, 21.5216



95.2850, 1.3385, 37.4611

Triad

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



96.4600, 12.5912, 21.5216



91.8070, -24.0619, 17.7093



75.2180, 19.1195, -65.9662

Complementary

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



96.4600, 12.5912, 21.5216



104.5400, -12.5912, -21.5216

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.



73.2650, 7.7574, -61.6224



96.4600, 12.5912, 21.5216



88.8970, -20.6552, -1.6637

Square

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



96.4600, 12.5912, 21.5216



93.3450, -19.8901, 33.0234



85.3870, -10.5438, -24.8954



75.7370, 28.7237, -66.4213

Rectangle

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



96.4600, 12.5912, 21.5216



94.2440, -6.5293, 41.0050



85.3870, -10.5438, -24.8954



74.3060, 15.6251, -65.1664

Sweetspot

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



96.4600, 12.5912, 21.5216



148.0210, 4.9196, 8.7516



84.4890, 18.4929, -4.8139



73.1300, 2.8939, 5.1480



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



96.4600, 12.5912, 21.5216



118.9590, 19.2472, 33.3620



94.4790, 3.7079, 24.1359



57.4780, 1.7363, 3.0888



50.7280, 36.6161, 62.5055



102.5810, 73.6636, 126.6555

Inverse Universe

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



91.9710, -5.9017, 26.3354



111.8480, -9.2921, 40.4753



106.5210, -3.7079, -24.1359



56.7940, -0.8844, 3.6887



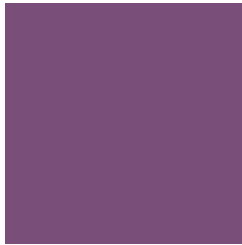
37.7170, -17.1155, 76.5472



76.0320, -34.5258, 154.3239

Previews

White Background



This preview shows how the YUV color 96.4600, 12.5912, 21.5216 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 96.4600, 12.5912, 21.5216 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 96.4600, 12.5912, 21.5216

Background



This preview shows how black text looks on a background with the YUV color 96.4600, 12.5912, 21.5216.



This preview shows how white text looks on a background with the YUV color 96.4600, 12.5912,

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

96.4600, 12.5912, 21.5216

Protanopia

93.5700, 18.9460, -10.1469

Deuteranopia

94.2950, 12.6726, -4.6437



Tritanopia

95.3660, -1.6594, 18.9730

Trichromacy



Original Color

96.4600, 12.5912, 21.5216

Protanomaly

94.3650, 16.5821, 1.4339

Deuteranomaly

95.0620, 12.7874, 5.2076

Tritanomaly

95.7450, 3.5767, 19.5176

Monochromacy



Original Color

96.4600, 12.5912, 21.5216

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1950, 4.3409, 7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4600, 12.5912, 21.5216 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(121, 79, 122)` looks like.

```
.text, #text, p{  
    color:rgb(121, 79, 122)  
}
```

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(121, 79, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 79, 122) }
```

Border

The CSS property to change the border of an element to YUV 96.4600, 12.5912, 21.5216 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(121, 79, 122) }
```


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

```
.border{ border-color:rgb(121, 79, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 79, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 79, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 79, 122);  
box-shadow:4px 4px 4px 4px rgb(121, 79,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 96.4600, 12.5912, 21.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 79, 122) }
```

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

```
.background{ background-color: rgb(121, 79,  
122) }
```

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