

Converting Colors

YUV(99.4600, 12.5912, 21.5216)

Have a look what the booklet for
YUV(99.4600, 12.5912, 21.5216)
contains.

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Color

**YUV(99.4600, 12.5912,
21.5216)**

Conversions

Conversions Part 1

Format	Color
Hex	7C527D
RGB	124, 82, 125
RGB Percent	49%, 32%, 49%
CMY	0.5137, 0.6784, 0.5098
CMYK	0.01, 0.34, 0.00, 0.51
HSL	299°, 21%, 41%
HSV	299°, 34%, 49%
XYZ	15.0311, 11.8003, 20.8875
YIQ	99.4600, 11.2290, 22.2770

Conversions

Conversions Part 2

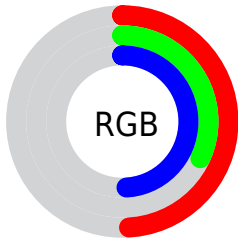
Format	Color
R_{YB}	124, 82, 125
Decimal	8147581
CIE Lab	40.90, 25.14, -17.25
CIE LCh	41, 30.490, 325.549
Yxy	11.8003, 0.3150, 0.2473
Android (android.graphics.Color)	4286337661 (0xFF7C527D)
YUV	99.4600, 12.5912, 21.5216
Hunter-Lab	34.3516, 17.9904, -12.0051

Details

The YUV color **99.4600, 12.5912, 21.5216** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107.5400, -12.5912, -21.5216**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6990, 13.4594, 23.0660**, and **51.9220, 11.8705, 19.3624** is the 20% darker color. If you saturate the color by 10%, you get **92.4160, 16.0639, 27.6992**, and if you desaturate by 10%, it is **107.0910, 8.8291, 14.8292**.

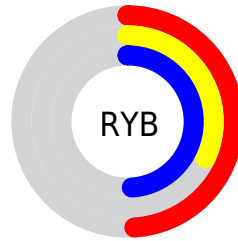
Distribution



Red (49%)

Green (32%)

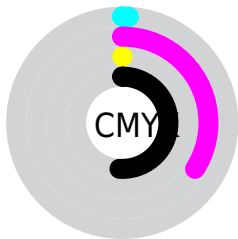
Blue (49%)



Red (49%)

Yellow (32%)

Blue (49%)

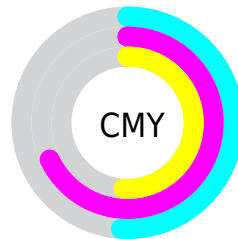


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (51%)



Cyan (51%)

Magenta (68%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4600, 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 99.4600, 12.5912, 21.5216 by changing the saturation by 10% instead.

■ 99.4600, 12.5912,
21.5216

■ 99.4600, 12.5912,
21.5216

■ 255.0000, 0.0000,
0.0000

■ 75.0470, 12.3018,
21.0068

■ 150.6990, 13.4594,
23.0660

■ 51.9220, 11.8705,
19.3624

■ 177.9980, 13.3120,
23.6808

■ 28.9220, 11.8705,
19.3624

■ 205.4110, 13.6014,
24.1956

■ 13.2160, 9.2605,
16.4736

■ 230.9330, 11.8650,
21.1068

■ 0.4560, 1.7472,
-0.3999

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

99.4600, 12.5912,
21.5216

99.4600, 12.5912,
21.5216

92.4160, 16.0639,
27.6992

107.0910, 8.8291,
14.8292

84.4860, 19.9734,
33.7768

114.4340, 5.2090,
9.2664

77.4420, 23.4461,
39.9544

122.0650, 1.4470,
2.5740

69.8110, 27.2082,
46.6468

129.1090, -2.0257,
-3.6036

62.7670, 30.6809,
52.8243

136.7400, -5.7878,
-10.2960

54.8370, 34.5904,
58.9020


144.0830, -9.4079,
-15.8588

50.7280, 36.6161,
62.5055

151.7140,
-13.1700, -22.5512

158.7580,

-16.6427, -28.7288

 166.6880,
-20.5522, -34.8064

Harmonies

Analogous

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



97.2980, 21.5451, -3.7693



99.4600, 12.5912, 21.5216



98.2850, 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.



99.4600, 12.5912, 21.5216



94.8070, -24.0619, 17.7093



77.3210, 19.5617, -67.8105

Complementary

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



99.4600, 12.5912, 21.5216



107.5400, -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.



77.7600, 7.0203, -58.5485



99.4600, 12.5912, 21.5216



91.8970, -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.



99.4600, 12.5912, 21.5216



96.3450, -19.8901, 33.0234



88.3870, -10.5438, -24.8954



77.8400, 29.1659, -68.2657

Rectangle

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



99.4600, 12.5912, 21.5216



97.2440, -6.5293, 41.0050



88.3870, -10.5438, -24.8954



76.4090, 16.0674, -67.0107

Sweetspot

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



99.4600, 12.5912, 21.5216



153.6080, 4.6303, 8.2368



87.4890, 18.4929, -4.8139



75.8310, 3.0413, 4.5332



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



99.4600, 12.5912, 21.5216



123.3720, 19.5366, 33.8768



97.4790, 3.7079, 24.1359



59.8910, 2.0257, 3.6036



51.9670, 37.4843, 64.0499



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.9710, -5.9017, 26.3354



116.2610, -9.0027, 40.9901



109.5210, -3.7079, -24.1359



59.2070, -0.5951, 4.2035



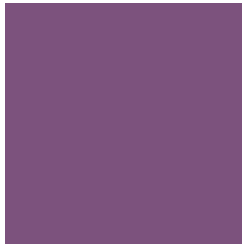
38.6140, -17.5577, 78.3915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 99.4600, 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 99.4600, 12.5912, 21.5216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

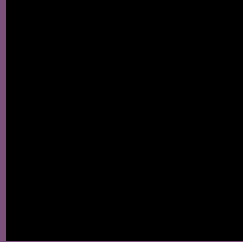
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.4600, 12.5912, 21.5216

Background



This preview shows how black text looks on a background with the YUV color 99.4600, 12.5912, 21.5216.



This preview shows how white text looks on a background with the YUV color 99.4600, 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

99.4600, 12.5912, 21.5216

Protanopia

96.5700, 18.9460, -10.1469

Deuteranopia

97.5940, 12.5252, -4.0289



Tritanopia

98.3660, -1.6594, 18.9730

Trichromacy



Original Color

99.4600, 12.5912, 21.5216

Protanomaly

97.3650, 16.5821, 1.4339

Deuteranomaly

98.0620, 12.7874, 5.2076

Tritanomaly

98.7450, 3.5767, 19.5176

Monochromacy



Original Color

99.4600, 12.5912, 21.5216

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1950, 4.3409, 7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4600, 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(124, 82, 125)` looks like.

```
.text, #text, p{  
    color:rgb(124, 82, 125)  
}
```

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(124, 82, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 82, 125) }
```

Border

The CSS property to change the border of an element to YUV 99.4600, 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(124, 82, 125) }
```


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

```
.border{ border-color:rgb(124, 82, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 82, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 82, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 82, 125);  
box-shadow:4px 4px 4px 4px rgb(124, 82,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 99.4600, 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(124, 82, 125) }
```

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

```
.background{ background-color: rgb(124, 82,  
125) }
```

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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