

Converting Colors

YUV(112.2900, 0.3500, 27.8097)

Have a look what the booklet for
YUV(112.2900, 0.3500, 27.8097)
contains.

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Color

**YUV(112.2900, 0.3500,
27.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	906071
RGB	144, 96, 113
RGB Percent	56%, 38%, 44%
CMY	0.4353, 0.6235, 0.5569
CMYK	0.00, 0.33, 0.22, 0.44
HSL	339°, 20%, 47%
HSV	339°, 33%, 56%
XYZ	18.6651, 15.4873, 17.6284
YIQ	112.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

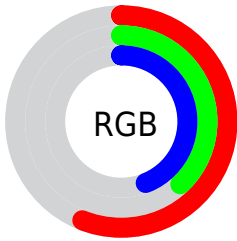
Format	Color
R_{YB}	144, 96, 113
Decimal	9461873
CIE _{Lab}	46.29, 22.11, -1.60
CIE _{LCh}	46, 22.173, 355.860
Yxy	15.4873, 0.3605, 0.2991
Android (android.graphics.Color)	4287651953 (0xFF906071)
YUV	112.2900, 0.3500, 27.8097
Hunter-Lab	39.3539, 15.7912, 0.9891

Details

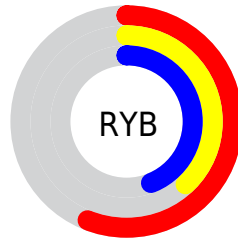
The YUV color **112.2900, 0.3500, 27.8097** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.7100, -0.3500, -27.8097**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6000, 0.1972, 30.1688**, and **63.6810, 0.6503, 24.8358** is the 20% darker color. If you saturate the color by 10%, you get **103.0460, 0.4703, 35.9167**, and if you desaturate by 10%, it is **121.5340, 0.2297, 19.7027**.

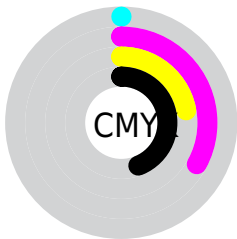
Distribution



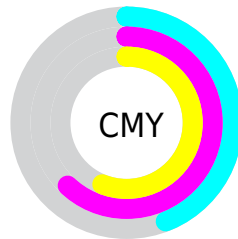
- Red (56%)
- Green (38%)
- Blue (44%)



- Red (56%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (44%)





- Cyan (44%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.2900, 0.3500, 27.8097 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 112.2900, 0.3500, 27.8097 by changing the saturation by 10% instead.


 112.2900, 0.3500,
27.8097


 112.2900, 0.3500,
27.8097


255.0000, 0.0000,
0.0000


 87.6920, 0.6448,
26.5801

 164.6000, 0.1972,
30.1688

 63.6810, 0.6503,
24.8358


 191.8990, 0.0498,
30.7836

 40.4960, 1.2345,
24.1210

 219.3120, 0.3392,
31.2984

 18.1260, 2.4029,
22.6915

 239.5270, 4.1772,
13.5698

 4.4850, -2.2111,
9.2217

 0.0000, 0.0000,
0.0000

■ 112.2900, 0.3500,
27.8097

■ 112.2900, 0.3500,
27.8097

■ 103.0460, 0.4703,
35.9167

■ 121.5340, 0.2297,
19.7027

■ 93.1010, 0.4432,
44.6384

■ 131.4790, 0.2569,
10.9809

■ 83.8570, 0.5635,
52.7454

■ 140.7230, 0.1366,
2.8739

■ 74.0260, 0.9732,
61.3672

■ 150.5540, -0.2731,
-5.7479

■ 64.7820, 1.0935,
69.4742

■ 159.9120, 0.0434,
-13.9548

■ 55.4240, 0.7770,
77.6812

■ 169.1560, -0.0769,
-22.0618

■ 48.8700, 1.0501,
83.4290

■ 178.9870, -0.4866,
-30.6836

■ 188.2310, -0.6069,

-38.7906

■ 198.1760, -0.5798,
-47.5124

Harmonies

Analogous

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



112.8030, 8.9711, 15.9588



112.2900, 0.3500, 27.8097



111.6080, -8.6807, 31.0388

Triad

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



112.2900, 0.3500, 27.8097



106.6890, -15.1297, -0.6043



101.6820, 18.8908, -39.1861

Complementary

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



112.2900, 0.3500, 27.8097



127.7100, -0.3500, -27.8097

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.



99.6400, 12.5025, -43.5343



112.2900, 0.3500, 27.8097



104.4140, -8.0921, -17.9031

Square

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



112.2900, 0.3500, 27.8097



109.0930, -17.7938, 13.9504



101.3610, 2.2870, -33.6426



106.6070, 19.4207, -22.4573

Rectangle

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



112.2900, 0.3500, 27.8097



111.0330, -13.3273, 28.0351



101.3610, 2.2870, -33.6426



100.3180, 17.5912, -42.3749

Sweetspot

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



112.2900, 0.3500, 27.8097



174.0660, -0.0325, 10.4661



110.4420, 16.5441, 13.6444



86.7450, 0.1257, 6.3626



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.2900, 0.3500, 27.8097



137.0900, 0.4486, 42.8941



113.8740, -8.8119, 26.4205



66.4350, 0.2785, 4.0035



45.8370, 1.0664, 78.1960



2.7340, 0.1311, 4.6183

Inverse Universe

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



112.2900, 0.3500, 27.8097



137.0900, 0.4486, 42.8941



126.1260, 8.8119, -26.4205



66.4350, 0.2785, 4.0035



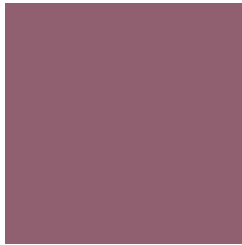
45.8370, 1.0664, 78.1960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 112.2900, 0.3500, 27.8097 looks on a white background.

Color Contrast Check

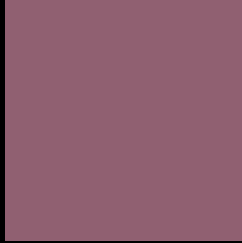
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2900, 0.3500, 27.8097 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 112.2900, 0.3500, 27.8097

Background



This preview shows how black text looks on a background with the YUV color 112.2900, 0.3500, 27.8097.



This preview shows how white text looks on a background with the YUV color 112.2900, 0.3500,

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

112.2900, 0.3500, 27.8097

Protanopia

110.3680, 5.2416, -1.1997

Deuteranopia

111.3430, -0.1691, 7.5922



Tritanopia

111.6660, -3.2863, 27.4799

Trichromacy



Original Color

112.2900, 0.3500, 27.8097

Protanomaly

110.9780, 3.4618, 9.6663

Deuteranomaly

111.8000, 0.0986, 15.0844

Tritanomaly

112.0080, -1.9759, 27.1800

Monochromacy



Original Color

112.2900, 0.3500, 27.8097

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0660, -0.0325, 10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2900, 0.3500, 27.8097 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(144, 96, 113)` looks like.

```
.text, #text, p{  
    color:rgb(144, 96, 113)  
}
```

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(144, 96, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 96, 113) }
```

Border

The CSS property to change the border of an element to YUV 112.2900, 0.3500, 27.8097 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(144, 96, 113) }
```


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

```
.border{ border-color:rgb(144, 96, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 96, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 96, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 96, 113);  
box-shadow:4px 4px 4px 4px rgb(144, 96,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 112.2900, 0.3500, 27.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 96, 113) }
```

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

```
.background{ background-color: rgb(144, 96,  
113) }
```

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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