

Converting Colors

YUV(111.2870, 11.6905,
30.4433)

Have a look what the booklet for
YUV(111.2870, 11.6905, 30.4433)
contains.

YUV(111.2870, 11.6905, 30.4433)	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(111.2870, 11.6905,
30.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	925987
RGB	146, 89, 135
RGB Percent	57%, 35%, 53%
CMY	0.4275, 0.6510, 0.4706
CMYK	0.00, 0.39, 0.08, 0.43
HSL	312°, 24%, 46%
HSV	312°, 39%, 57%
XYZ	19.7996, 15.0050, 24.7744
YIQ	111.2870, 19.2060, 26.3900

Conversions

Conversions Part 2

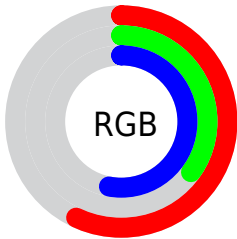
Format	Color
R _Y B	146, 89, 135
Decimal	9591175
CIE Lab	45.64, 30.70, -15.82
CIE LCh	46, 34.541, 332.739
Yxy	15.0050, 0.3323, 0.2519
Android (android.graphics.Color)	4287781255 (0xFF925987)
YUV	111.2870, 11.6905, 30.4433
Hunter-Lab	38.7363, 23.4496, -10.8044

Details

The YUV color **111.2870, 11.6905, 30.4433** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.7130, -11.6905, -30.4433**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7110, 11.9745, 32.7025**, and **61.8630, 11.4065, 28.1841** is the 20% darker color. If you saturate the color by 10%, you get **102.1400, 14.7210, 38.4652**, and if you desaturate by 10%, it is **120.4340, 8.6600, 22.4214**.

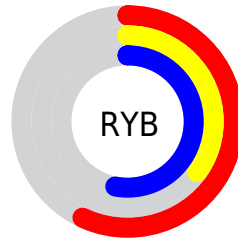
Distribution



Red (57%)

Green (35%)

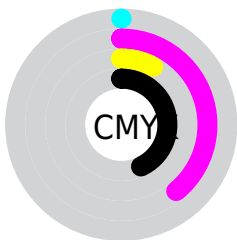
Blue (53%)



Red (57%)

Yellow (35%)

Blue (53%)

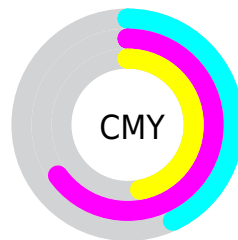


Cyan (0%)

Magenta (39%)

Yellow (8%)

Black (43%)



Cyan (43%)

Magenta (65%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2870, 11.6905, 30.4433 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 111.2870, 11.6905, 30.4433 by changing the saturation by 10% instead.

■ 111.2870, 11.6905,
30.4433

■ 111.2870, 11.6905,
30.4433

■ 255.0000, 0.0000,
0.0000

■ 86.5750, 11.5485,
29.3137

■ 163.7110, 11.9745,
32.7025

■ 61.8630, 11.4065,
28.1841

■ 191.1240, 12.2639,
33.2173

■ 37.6780, 11.9907,
27.4694

■ 218.0530, 13.2849,
32.4025

■ 18.3140, 10.6912,
24.2806

■ 236.2160, 9.2605,
16.4736

■ 7.8470, 5.4984,
9.7812

■ 252.6520, 1.1576,
2.0592

■ 0.0000, 0.0000,
0.0000

■ 111.2870, 11.6905,
30.4433

■ 111.2870, 11.6905,
30.4433

■ 102.1400, 14.7210,
38.4652

■ 120.4340, 8.6600,
22.4214

■ 93.5800, 17.4621,
45.9723

■ 128.9940, 5.9190,
14.9143

■ 84.5470, 20.9293,
53.8943

■ 138.0270, 2.4517,
6.9923

■ 75.9870, 23.6704,
61.4014

■ 146.5870, -0.2894,
-0.5148

■ 66.8400, 26.7009,
69.4233

■ 155.7340, -3.3199,
-8.5367

■ 57.6930, 29.7314,
77.4452


■ 164.8810, -6.3503,
-16.5586

■ 57.1060, 30.0207,
77.9600

■ 173.4410, -9.0914,
-24.0658

■ 182.5880,

-12.1219, -32.0877

 191.0340,
-15.2998, -39.4948

Harmonies

Analogous

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



110.0970, 23.1232, 3.4229



111.2870, 11.6905, 30.4433



109.6450, -1.3040, 45.0383

Triad

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



111.2870, 11.6905, 30.4433



105.1720, -27.6928, 15.6352



87.3460, 24.9724, -76.6024

Complementary

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



111.2870, 11.6905, 30.4433



123.7130, -11.6905, -30.4433

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.



84.7410, 12.4527, -74.3179



111.2870, 11.6905, 30.4433



101.9240, -21.6545, -7.8263

Square

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



111.2870, 11.6905, 30.4433



107.3900, -24.8423, 34.7380



96.7060, -7.7431, -36.5762



87.3920, 35.3027, -76.6428

Rectangle

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



111.2870, 11.6905, 30.4433



108.5500, -10.6241, 47.7527



96.7060, -7.7431, -36.5762



86.9070, 20.7518, -76.2174

Sweetspot

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



111.2870, 11.6905, 30.4433



174.9290, 4.4720, 12.3403



98.4880, 23.4234, 0.4490



86.1410, 2.8885, 6.8923



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.



111.2870, 11.6905, 30.4433



134.8190, 18.3302, 47.5167



108.0950, -0.5398, 33.2427



69.7770, 1.5889, 3.7036



53.9160, 28.1424, 73.7417



3.9020, 2.0203, 5.3479

Inverse Universe

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



111.2870, 11.6905, 30.4433



134.8190, 18.3302, 47.5167



126.9050, 0.5398, -33.2427



69.7770, 1.5889, 3.7036



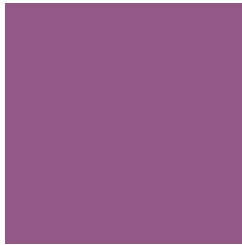
53.9160, 28.1424, 73.7417



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 111.2870, 11.6905, 30.4433 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 111.2870, 11.6905, 30.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

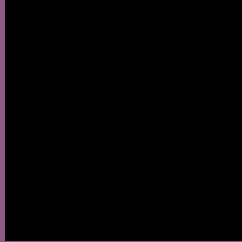
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.2870, 11.6905, 30.4433

Background



This preview shows how black text looks on a background with the YUV color 111.2870, 11.6905, 30.4433.



This preview shows how white text looks on a background with the YUV color 111.2870, 11.6905,

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

111.2870, 11.6905, 30.4433

Protanopia

108.3850, 19.5302, -10.8616

Deuteranopia

109.2630, 11.2093, -1.9847



Tritanopia

110.5520, -3.7231, 27.5799

Trichromacy



Original Color

111.2870, 11.6905, 30.4433

Protanomaly

109.0880, 16.7186, 4.3078

Deuteranomaly

110.0410, 11.3188, 9.6110

Tritanomaly

110.4580, 2.2392, 28.5393

Monochromacy



Original Color

111.2870, 11.6905, 30.4433

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2170, 4.3300, 11.2107

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2870, 11.6905, 30.4433 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(146, 89, 135)` looks like.

```
.text, #text, p{  
    color:rgb(146, 89, 135)  
}
```

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(146, 89, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 89, 135) }
```

Border

The CSS property to change the border of an element to YUV 111.2870, 11.6905, 30.4433 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(146, 89, 135) }
```


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

```
.border{ border-color:rgb(146, 89, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 89, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 89, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 89, 135);  
box-shadow:4px 4px 4px 4px rgb(146, 89,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 111.2870, 11.6905, 30.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 89, 135) }
```

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

```
.background{ background-color: rgb(146, 89,  
135) }
```

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