

# Converting Colors

YUV(111.6330, 3.6319, 48.5569)

Have a look what the booklet for  
YUV(111.6330, 3.6319, 48.5569)  
contains.

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# Color

**YUV(111.6330, 3.6319,  
48.5569)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A75277
RGB	167, 82, 119
RGB Percent	65%, 32%, 47%
CMY	0.3451, 0.6784, 0.5333
CMYK	0.00, 0.51, 0.29, 0.35
HSL	334°, 34%, 49%
HSV	334°, 51%, 65%
XYZ	22.2834, 15.5820, 19.2859
YIQ	111.6330, 38.7830, 29.5270

# Conversions

## Conversions Part 2

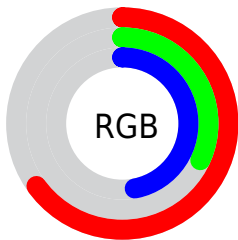
Format	Color
R <sub>Y</sub> B	167, 82, 119
Decimal	10965623
CIE Lab	46.42, 39.25, -4.70
CIE LCh	46, 39.531, 353.176
Yxy	15.5820, 0.3899, 0.2726
Android (android.graphics.Color)	4289155703 (0xFFA75277)
YUV	111.6330, 3.6319, 48.5569
Hunter-Lab	39.4740, 31.6852, -1.3356

# Details

The YUV color **111.6330, 3.6319, 48.5569** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **137.3670, -3.6319, -48.5569**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1280, 2.8949, 51.6307**, and **59.7790, 5.5320, 45.7978** is the 20% darker color. If you saturate the color by 10%, you get **100.6280, 4.6204, 58.2082**, and if you desaturate by 10%, it is **122.6380, 2.6435, 38.9055**.

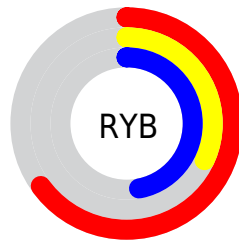
# Distribution



Red (65%)

Green (32%)

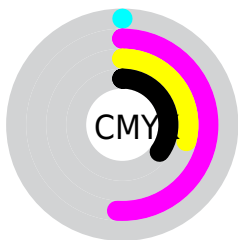
Blue (47%)



Red (65%)

Yellow (32%)

Blue (47%)

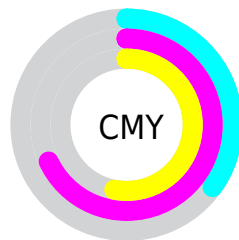


Cyan (0%)

Magenta (51%)

Yellow (29%)

Black (35%)



Cyan (35%)

Magenta (68%)

Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 111.6330, 3.6319, 48.5569 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 111.6330, 3.6319, 48.5569 by changing the saturation by 10% instead.




 111.6330, 3.6319,  
48.5569

 111.6330, 3.6319,  
48.5569


255.0000, 0.0000,  
0.0000

 85.7360, 4.0742,  
46.7125


 165.1280, 2.8949,  
51.6307


 59.7790, 5.5320,  
45.7978


 193.0250, 2.4527,  
53.4751


 31.1860, 8.2893,  
48.0719

 212.9520, 6.4327,  
36.8761

 21.1320, 3.3859,  
34.0872

 232.6940, 10.9969,  
19.5624

 11.1770, -5.0173,  
22.6468

 249.7170, 2.6045,  
4.6332

 0.0000, 0.0000,  
0.0000

■ 111.6330, 3.6319,  
48.5569

■ 111.6330, 3.6319,  
48.5569

■ 100.6280, 4.6204,  
58.2082

■ 122.6380, 2.6435,  
38.9055

■ 90.0960, 4.8827,  
67.4448

■ 133.1700, 2.3812,  
29.6689

■ 79.0910, 5.8711,  
77.0962

■ 144.1750, 1.3927,  
20.0175

■ 67.9720, 6.4228,  
86.8476

■ 155.2940, 0.8411,  
10.2662

■ 58.2550, 7.2693,  
95.3694

■ 165.7120, 0.1420,  
1.1296

■ 176.8310, -0.4097,  
-8.6218

■ 187.8360, -1.3981,  
-18.2732

■ 198.8410, -2.3866,

-27.9246

■ 209.3730, -2.6489,  
-37.1611

# Harmonies

## Analogous

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



113.2740, 18.1059, 26.0697



111.6330, 3.6319, 48.5569



109.6540, -11.6614, 53.8004

# Triad

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



111.6330, 3.6319, 48.5569



104.4320, -28.8070, -0.3789



90.6690, 35.1662, -79.5167

# Complementary

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



111.6330, 3.6319, 48.5569



137.3670, -3.6319, -48.5569

# 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.



89.3520, 22.5045, -78.3617



111.6330, 3.6319, 48.5569



98.9040, -14.7427, -31.4878

# Square

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



111.6330, 3.6319, 48.5569



107.6740, -32.3773, 24.8419



85.4760, 7.6533, -74.9625



88.7540, 43.0123, -76.0833



# Rectangle

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



111.6330, 3.6319, 48.5569



109.1020, -21.2493, 49.0225



85.4760, 7.6533, -74.9625



91.0450, 31.5298, -79.8465

# Sweetspot

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



111.6330, 3.6319, 48.5569



195.4630, 1.2507, 18.8879



105.7430, 30.1997, 20.3964



97.0060, 0.9830, 11.3957



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



111.6330, 3.6319, 48.5569



130.9660, 5.4398, 75.4518



109.7630, -13.6872, 50.1968



78.7340, 0.1311, 4.6183



51.5480, 6.1388, 84.5884



7.0060, 0.9830, 11.3957



# Inverse Universe

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



111.6330, 3.6319, 48.5569



130.9660, 5.4398, 75.4518



139.2370, 13.6872, -50.1968



78.7340, 0.1311, 4.6183



51.5480, 6.1388, 84.5884

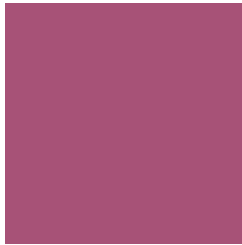


7.0060, 0.9830, 11.3957



# Previews

## White Background



This preview shows how the YUV color 111.6330, 3.6319, 48.5569 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

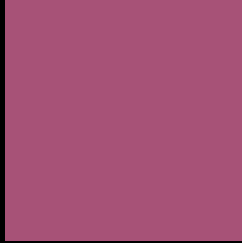
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.6330, 3.6319, 48.5569 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

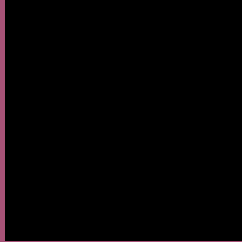
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 111.6330, 3.6319, 48.5569

## Background



This preview shows how black text looks on a background with the YUV color 111.6330, 3.6319, 48.5569.



This preview shows how white text looks on a background with the YUV color 111.6330, 3.6319,



# 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

111.6330, 3.6319, 48.5569

### Protanopia

110.6970, 12.9674, -5.8733

### Deuteranopia

111.5000, 1.7255, 6.5775



## Tritanopia

111.0060, -8.8770, 47.3527

# Trichromacy



## Original Color

111.6330, 3.6319, 48.5569

## Protanomaly

110.9060, 9.4133, 14.1144

## Deuteranomaly

111.4140, 2.2609, 21.5619

## Tritanomaly

111.1570, -4.5144, 48.0973

# Monochromacy



## Original Color

111.6330, 3.6319, 48.5569

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

111.8650, 1.5456, 17.6584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.6330, 3.6319, 48.5569 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(167, 82, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 82, 119)  
}
```

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(167, 82, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 82, 119) }
```

## Border

The CSS property to change the border of an element to YUV 111.6330, 3.6319, 48.5569 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(167, 82, 119) }
```



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

```
.border{ border-color:rgb(167, 82, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 82, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 82, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 82, 119);  
box-shadow:4px 4px 4px 4px rgb(167, 82,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 111.6330, 3.6319, 48.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 82, 119) }
```

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

```
.background{ background-color: rgb(167, 82,  
119) }
```

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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