

# Converting Colors

YUV(115.3060, 6.2581, 46.2126)

Have a look what the booklet for  
YUV(115.3060, 6.2581, 46.2126)  
contains.

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# Color

**YUV(115.3060, 6.2581,  
46.2126)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A85680
RGB	168, 86, 128
RGB Percent	66%, 34%, 50%
CMY	0.3412, 0.6627, 0.4980
CMYK	0.00, 0.49, 0.24, 0.34
HSL	329°, 32%, 50%
HSV	329°, 49%, 66%
XYZ	23.3725, 16.5389, 22.3825
YIQ	115.3060, 35.3900, 30.4460

# Conversions

## Conversions Part 2

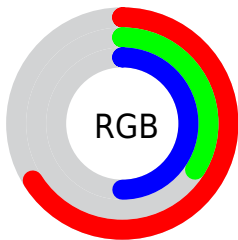
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 86, 128
Decimal	11032192
CIE Lab	47.67, 38.80, -8.25
CIE LCh	48, 39.663, 347.990
Yxy	16.5389, 0.3752, 0.2655
Android (android.graphics.Color)	4289222272 (0xFFA85680)
YUV	115.3060, 6.2581, 46.2126
Hunter-Lab	40.6681, 31.4174, -4.1639

# Details

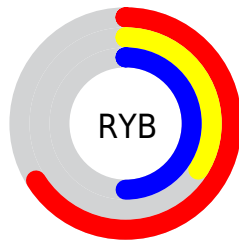
The YUV color **115.3060, 6.2581, 46.2126** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.6940, -6.2581, -46.2126**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9150, 5.9579, 49.1865**, and **63.6370, 7.5740, 44.1684** is the 20% darker color. If you saturate the color by 10%, you get **104.4150, 7.6834, 55.7640**, and if you desaturate by 10%, it is **126.1970, 4.8329, 36.6612**.

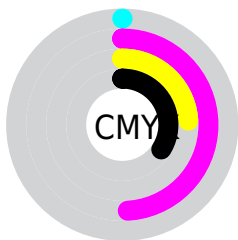
# Distribution



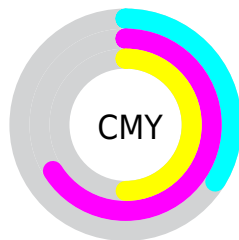
- Red (66%)
- Green (34%)
- Blue (50%)



- Red (66%)
- Yellow (34%)
- Blue (50%)



- Cyan (0%)
- Magenta (49%)
- Yellow (24%)
- Black (34%)



- Cyan (34%)
- Magenta (66%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.3060, 6.2581, 46.2126 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 115.3060, 6.2581, 46.2126 by changing the saturation by 10% instead.



 115.3060, 6.2581,  
46.2126


 115.3060, 6.2581,  
46.2126


255.0000, 0.0000,  
0.0000


 89.4090, 6.7004,  
44.3683


 168.9150, 5.9579,  
49.1865

 63.6370, 7.5740,  
44.1684


 196.5130, 5.6631,  
50.4161


 35.9190, 9.8999,  
44.7980

 216.5540, 10.0799,  
33.7171

 22.5280, 6.1487,  
34.6169

 235.0420, 9.8393,  
17.5032

 13.3280, -0.6547,  
23.3913

 252.0650, 1.4470,  
2.5740

 0.0000, 0.0000,  
0.0000

■ 115.3060, 6.2581,  
46.2126

■ 115.3060, 6.2581,  
46.2126

■ 104.4150, 7.6834,  
55.7640

■ 126.1970, 4.8329,  
36.6612

■ 93.5240, 9.1087,  
65.3155

■ 137.0880, 3.4076,  
27.1098

■ 83.1060, 9.8077,  
74.4520

■ 147.5060, 2.7085,  
17.9732

■ 72.2150, 11.2330,  
84.0034

■ 158.3970, 1.2833,  
8.4218

■ 61.3240, 12.6583,  
93.5549

■ 169.2880, -0.1420,  
-1.1296

■ 60.0360, 12.8003,  
94.6844

■ 180.1790, -1.5672,  
-10.6810

■ 191.0700, -2.9925,  
-20.2324

■ 201.4880, -3.6916,

-29.3690

■ 212.3790, -5.1168,  
-38.9204

# Harmonies

## Analogous

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



116.5230, 20.4482, 21.4663



115.3060, 6.2581, 46.2126



113.2350, -9.4829, 55.0449

# Triad

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



115.3060, 6.2581, 46.2126



108.2970, -30.7124, 4.1245



93.0170, 34.0086, -81.5759

# Complementary

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



115.3060, 6.2581, 46.2126



138.6940, -6.2581, -46.2126

# 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.



91.4720, 20.4733, -80.2209



115.3060, 6.2581, 46.2126



103.1390, -17.8165, -25.5549

# Square

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



115.3060, 6.2581, 46.2126



111.1090, -32.0987, 28.8454



86.8950, 5.4748, -76.2069



91.3190, 42.7337, -80.0868



# Rectangle

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



115.3060, 6.2581, 46.2126



112.3950, -18.9287, 51.3966



86.8950, 5.4748, -76.2069



93.1650, 29.4987, -81.7057

# Sweetspot

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



115.3060, 6.2581, 46.2126



197.8050, 2.5611, 18.5880



107.3080, 29.9212, 16.3929



97.1200, 1.4198, 11.2958



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.



115.3060, 6.2581, 46.2126



136.0950, 9.8132, 72.7077



110.6320, -11.6506, 50.3117



78.8480, 0.5679, 4.5183



52.9160, 11.3804, 83.3887



7.1200, 1.4198, 11.2958



# Inverse Universe

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



115.3060, 6.2581, 46.2126



136.0950, 9.8132, 72.7077



143.3680, 11.6506, -50.3117



78.8480, 0.5679, 4.5183



52.9160, 11.3804, 83.3887

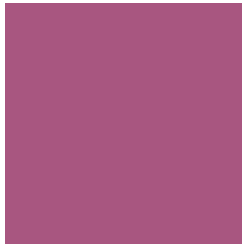


7.1200, 1.4198, 11.2958



# Previews

## White Background



This preview shows how the YUV color 115.3060, 6.2581, 46.2126 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 115.3060, 6.2581, 46.2126 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

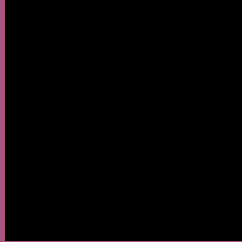
Any Text WCAG AA × Fail

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 115.3060, 6.2581, 46.2126 Background



This preview shows how black text looks on a background with the YUV color 115.3060, 6.2581, 46.2126.



This preview shows how white text looks on a background with the YUV color 115.3060, 6.2581,



# 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

115.3060, 6.2581, 46.2126

### Protanopia

113.7830, 15.8830, -7.7027

### Deuteranopia

114.5860, 4.6411, 4.7481



## Tritanopia

114.6250, -7.7031, 44.1789

# Trichromacy



## Original Color

115.3060, 6.2581, 46.2126

## Protanomaly

114.5790, 12.0396, 11.7702

## Deuteranomaly

114.5000, 5.1765, 19.7325

## Tritanomaly

115.0040, -2.4670, 44.7235

# Monochromacy



## Original Color

115.3060, 6.2581, 46.2126

## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

114.7940, 2.5666, 16.8437

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.3060, 6.2581, 46.2126 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(168, 86, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 86, 128)  
}
```

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(168, 86, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 86, 128) }
```

## Border

The CSS property to change the border of an element to YUV 115.3060, 6.2581, 46.2126 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(168, 86, 128) }
```



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

```
.border{ border-color:rgb(168, 86, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 86, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 86, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 86, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 86,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 115.3060, 6.2581, 46.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 86, 128) }
```

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

```
.background{ background-color: rgb(168, 86,  
128) }
```

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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