

# Converting Colors

YUV(116.8220, 13.3988,  
-4.2289)

Have a look what the booklet for  
YUV(116.8220, 13.3988, -4.2289)  
contains.

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# Color

**YUV(116.8220, 13.3988,  
-4.2289)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	707290
RGB	112, 114, 144
RGB Percent	44%, 45%, 56%
CMY	0.5608, 0.5529, 0.4353
CMYK	0.22, 0.21, 0.00, 0.44
HSL	236°, 13%, 50%
HSV	236°, 22%, 56%
XYZ	17.7334, 17.4930, 28.8274
YIQ	116.8220, -10.8220, 8.9060

# Conversions

## Conversions Part 2

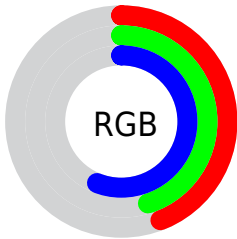
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 114, 144
Decimal	7369360
CIE Lab	48.88, 6.07, -16.57
CIE LCh	49, 17.647, 290.127
Yxy	17.4930, 0.2769, 0.2731
Android (android.graphics.Color)	4285559440 (0xFF707290)
YUV	116.8220, 13.3988, -4.2289
Hunter-Lab	41.8246, 2.4901, -11.5881

# Details

The YUV color **116.8220, 13.3988, -4.2289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.1780, -13.3988, 4.2289**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0500, 14.2723, -4.4289**, and **68.2950, 12.6726, -4.6437** is the 20% darker color. If you saturate the color by 10%, you get **105.0050, 19.2245, -6.1434**, and if you desaturate by 10%, it is **128.6390, 7.5730, -2.3144**.

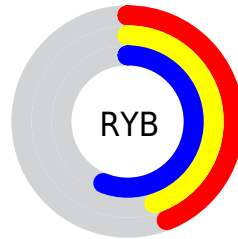
# Distribution



Red (44%)

Green (45%)

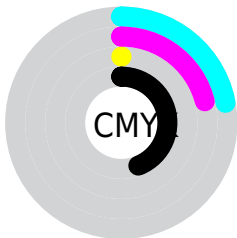
Blue (56%)



Red (44%)

Yellow (45%)

Blue (56%)

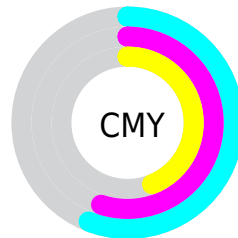


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (55%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 116.8220, 13.3988, -4.2289 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 116.8220, 13.3988, -4.2289 by changing the saturation by 10% instead.



■ 116.8220, 13.3988,  
-4.2289

■ 116.8220, 13.3988,  
-4.2289

■ 255.0000, 0.0000,  
0.0000

■ 92.2950, 12.6726,  
-4.6437

■ 169.0500, 14.2723,  
-4.4289

■ 68.2950, 12.6726,  
-4.6437

■ 196.1640, 14.7091,  
-4.5288

■ 46.0670, 11.7990,  
-4.4438

■ 224.2780, 15.1459,  
-4.6288

■ 25.1270, 10.7834,  
-5.3734

■ 249.3850, 2.7682,  
-1.2146

■ 3.0780, 11.7935,  
-2.6994

■ 0.0000, 0.0000,  
0.0000

■ 116.8220, 13.3988,  
-4.2289

■ 116.8220, 13.3988,  
-4.2289

■ 105.0050, 19.2245,  
-6.1434

■ 128.6390, 7.5730,  
-2.3144

■ 92.3020, 25.4871,  
-8.1579

■ 141.3420, 1.3104,  
-0.2999

■ 80.4850, 31.3129,  
-10.0723

■ 153.7460, -4.8048,  
1.0998

■ 67.7820, 37.5755,  
-12.0868

■ 165.8620,  
-10.7780, 3.6290

■ 55.3780, 43.6906,  
-13.4865

■ 178.2660,  
-16.8931, 5.0287

■ 43.5610, 49.5164,  
-15.4010

■ 190.0830,  
-22.7189, 6.9432

■ 30.8580, 55.7790,  
-17.4155


■ 202.7860,  
-28.9815, 8.9577

■ 21.6990, 60.2944,

■ 214.6030,

-19.0300

-34.8073, 10.8722

 226.7190,  
-40.7805, 13.4014

# Harmonies

## Analogous

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



113.8910, 15.3367, -19.1984



116.8220, 13.3988, -4.2289



118.5420, 8.1138, 10.9257

# Triad

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



116.8220, 13.3988, -4.2289



117.4560, -11.5638, 22.4021



110.4440, -0.2189, -23.1914

# Complementary

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



116.8220, 13.3988, -4.2289



139.1780, -13.3988, 4.2289

# 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.



112.5720, -7.6770, -11.0256



116.8220, 13.3988, -4.2289



115.7170, -14.1575, 14.2802

# Square

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



116.8220, 13.3988, -4.2289



118.3730, -5.6069, 25.1059



114.2810, -12.9565, 2.3846



109.2780, 8.2439, -30.9388



# Rectangle

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



116.8220, 13.3988, -4.2289



119.1470, 3.8715, 18.2881



114.2810, -12.9565, 2.3846



111.3690, -3.1399, -19.6176

# Sweetspot

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



116.8220, 13.3988, -4.2289



175.0690, 5.3890, -1.8145



134.2040, 3.8434, -19.4729



87.7980, 3.0576, -0.6998



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.



116.8220, 13.3988, -4.2289



143.4610, 20.9717, -6.5433



119.8340, 11.9138, 5.4076



65.3850, 2.7682, -1.2146



20.0860, 56.6526, -17.6154



0.9120, 3.4944, -0.7998



# Inverse Universe

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



121.7960, -3.8434, 19.4729



151.2920, -6.0600, 30.4389



136.1660, -11.9138, -5.4076



66.2070, -0.5951, 4.2035



41.2770, -16.4056, 82.1951



2.3920, -1.1793, 4.9182



# Previews

## White Background



This preview shows how the YUV color 116.8220, 13.3988, -4.2289 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 116.8220, 13.3988, -4.2289 looks on a black 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

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

# YUV 116.8220, 13.3988, -4.2289

## Background



This preview shows how black text looks on a background with the YUV color 116.8220, 13.3988, -4.2289.



This preview shows how white text looks on a background with the YUV color 116.8220, 13.3988, -4.2289.

-4.2289.

# 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

116.8220, 13.3988, -4.2289

### Protanopia

116.6260, 13.9884, -6.6880

### Deuteranopia

117.1210, 13.2513, -3.6141



## Tritanopia

115.6340, 5.1104, -5.8180

# Trichromacy



## Original Color

116.8220, 13.3988, -4.2289

## Protanomaly

116.9250, 13.8410, -6.0732

## Deuteranomaly

117.1210, 13.2513, -3.6141

## Tritanomaly

116.1440, 8.3100, -5.3883

# Monochromacy



## Original Color

116.8220, 13.3988, -4.2289

## Achromatopsia

117.0000, 0.0000, 0.0000

## Achromatomaly

116.9550, 4.9522, -1.7145

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 116.8220, 13.3988, -4.2289 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(112, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(112, 114, 144)  
}
```

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(112, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 114, 144) }
```

## Border

The CSS property to change the border of an element to YUV 116.8220, 13.3988, -4.2289 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(112, 114, 144) }
```



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

```
.border{ border-color:rgb(112, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(112, 114,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 116.8220, 13.3988, -4.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 114, 144) }
```

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

```
.background{ background-color: rgb(112,  
114, 144) }
```

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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