

Converting Colors

YUV(109.0660, 33.4915,
-8.8279)

Have a look what the booklet for
YUV(109.0660, 33.4915, -8.8279)
contains.

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Color

**YUV(109.0660, 33.4915,
-8.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	6365B1
RGB	99, 101, 177
RGB Percent	39%, 40%, 69%
CMY	0.6118, 0.6039, 0.3059
CMYK	0.44, 0.43, 0.00, 0.31
HSL	238°, 33%, 54%
HSV	238°, 44%, 69%
XYZ	17.7351, 15.1343, 43.5815
YIQ	109.0660, -25.5880, 23.2120

Conversions

Conversions Part 2

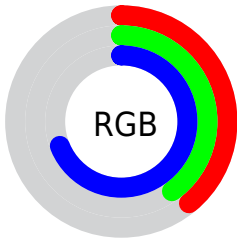
Format	Color
R _Y B	99, 101, 177
Decimal	6514097
CIE Lab	45.82, 19.26, -40.81
CIE LCh	46, 45.128, 295.265
Yxy	15.1343, 0.2320, 0.1980
Android (android.graphics.Color)	4284704177 (0xFF6365B1)
YUV	109.0660, 33.4915, -8.8279
Hunter-Lab	38.9029, 13.2947, -39.1884

Details

The YUV color **109.0660, 33.4915, -8.8279** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **166.9340, -33.4915, 8.8279**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5330, 35.2332, -7.4834**, and **59.2890, 31.9025, -12.5315** is the 20% darker color. If you saturate the color by 10%, you get **93.7050, 41.0644, -11.1423**, and if you desaturate by 10%, it is **124.4270, 25.9185, -6.5135**.

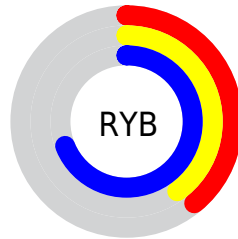
Distribution



Red (39%)

Green (40%)

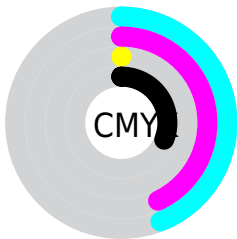
Blue (69%)



Red (39%)

Yellow (40%)

Blue (69%)

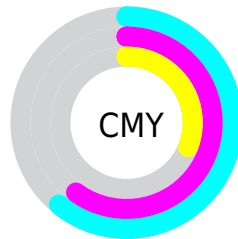


Cyan (44%)

Magenta (43%)

Yellow (0%)

Black (31%)



Cyan (61%)

Magenta (60%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0660, 33.4915, -8.8279 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 109.0660, 33.4915, -8.8279 by changing the saturation by 10% instead.

■ 109.0660, 33.4915,
-8.8279

■ 109.0660, 33.4915,
-8.8279

■ 255.0000, 0.0000,
0.0000

■ 83.8270, 32.6233,
-10.3723

■ 161.5330, 35.2332,
-7.4834

■ 59.2890, 31.9025,
-12.5315

■ 188.2620, 32.9018,
-6.3688

■ 33.5330, 31.7822,
-20.6384

■ 212.7820, 20.8135,
-2.4398

■ 16.0670, 28.5610,
-14.0908

■ 237.8890, 8.4357,
0.9743

■ 7.5750, 21.4085,
-6.6433

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 109.0660, 33.4915,
-8.8279

■ 109.0660, 33.4915,
-8.8279

■ 93.7050, 41.0644,
-11.1423

■ 124.4270, 25.9185,
-6.5135

■ 78.6430, 48.4900,
-12.8419

■ 139.4890, 18.4929,
-4.8139

■ 62.6950, 56.3524,
-14.6415

■ 155.4370, 10.6306,
-3.0142

■ 47.3340, 63.9253,
-16.9559

■ 170.7980, 3.0576,
-0.6998

■ 31.9730, 71.4983,
-19.2703

■ 186.1590, -4.5154,
1.6146

■ 23.1130, 75.8663,
-20.2701

■ 201.2210,
-11.9410, 3.3142

■ 217.1690,
-19.8033, 5.1138

■ 232.5300,
-27.3763, 7.4282

■ 246.1080,
-34.0702, 7.7983

Harmonies

Analogous

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



88.4810, 47.0909, -77.5978



109.0660, 33.4915, -8.8279



111.7740, 19.8314, 32.6472

Triad

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



109.0660, 33.4915, -8.8279



106.6260, -29.3956, 48.5630



85.4760, 7.6533, -74.9625

Complementary

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



109.0660, 33.4915, -8.8279



166.9340, -33.4915, 8.8279

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.



93.4360, -15.0049, -40.7244



109.0660, 33.4915, -8.8279



104.7790, -38.3450, 25.6268

Square

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



109.0660, 33.4915, -8.8279



107.1280, -13.8671, 61.2777



101.0850, -32.5799, -3.5825



90.5090, 24.3991, -79.3764

Rectangle

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



109.0660, 33.4915, -8.8279



110.1370, 9.2995, 50.7459



101.0850, -32.5799, -3.5825



83.9940, 1.9750, -73.6627

Sweetspot

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



109.0660, 33.4915, -8.8279



203.4200, 13.1039, -2.9993



153.3360, 10.1874, -47.6527



98.7530, 8.0098, -2.4144



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



109.0660, 33.4915, -8.8279



123.6690, 52.4212, -13.7417



118.6560, 28.7636, 14.3337



81.6130, 3.6418, -1.4146



19.7900, 65.6725, -17.3558



3.5510, 11.0674, -3.1142

Inverse Universe

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



122.5500, -10.6241, 47.7527



144.8200, -16.6733, 74.7029



157.3440, -28.7636, -14.3337



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 109.0660, 33.4915, -8.8279 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 109.0660, 33.4915, -8.8279 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 109.0660, 33.4915, -8.8279

Background



This preview shows how black text looks on a background with the YUV color 109.0660, 33.4915, -8.8279.



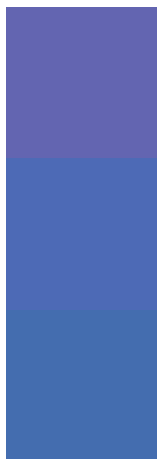
This preview shows how white text looks on a background with the YUV color 109.0660, 33.4915, -8.8279.

-8.8279.

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

109.0660, 33.4915, -8.8279

Protanopia

105.9930, 37.4715, -25.4269

Deuteranopia

104.2650, 34.8724, -31.8044



Tritanopia

105.3550, 8.2060, -18.7283

Trichromacy



Original Color

109.0660, 33.4915, -8.8279

Protanomaly

106.9830, 35.9974, -19.2791

Deuteranomaly

105.9070, 34.5558, -23.5974

Tritanomaly

106.7820, 17.3625, -15.5948

Monochromacy



Original Color

109.0660, 33.4915, -8.8279

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8930, 12.3778, -3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0660, 33.4915, -8.8279 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(99, 101, 177)` looks like.

```
.text, #text, p{  
    color:rgb(99, 101, 177)  
}
```

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(99, 101, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 101, 177) }
```

Border

The CSS property to change the border of an element to YUV 109.0660, 33.4915, -8.8279 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(99, 101, 177) }
```


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

```
.border{ border-color:rgb(99, 101, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 101, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 101, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 101, 177);  
box-shadow:4px 4px 4px 4px rgb(99, 101,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 109.0660, 33.4915, -8.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 101, 177) }
```

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

```
.background{ background-color: rgb(99, 101,  
177) }
```

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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