

Converting Colors

YUV(109.3330, 31.8808,
-5.5540)

Have a look what the booklet for
YUV(109.3330, 31.8808, -5.5540)
contains.

YUV(109.3330, 31.8808, -5.5540)	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(109.3330, 31.8808,
-5.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	6764AE
RGB	103, 100, 174
RGB Percent	40%, 39%, 68%
CMY	0.5961, 0.6078, 0.3176
CMYK	0.41, 0.43, 0.00, 0.32
HSL	242°, 31%, 54%
HSV	242°, 43%, 68%
XYZ	17.7907, 15.0539, 42.0124
YIQ	109.3330, -21.9660, 23.6500

Conversions

Conversions Part 2

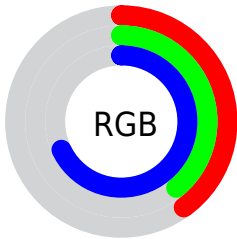
Format	Color
R _{YB}	103, 100, 174
Decimal	6775982
CIE _{Lab}	45.71, 20.03, -39.21
CIE _{LCh}	46, 44.030, 297.062
Yxy	15.0539, 0.2377, 0.2011
Android (android.graphics.Color)	4284966062 (0xFF6764AE)
YUV	109.3330, 31.8808, -5.5540
Hunter-Lab	38.7994, 13.9487, -37.0404

Details

The YUV color **109.3330, 31.8808, -5.5540** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **164.6670, -31.8808, 5.5540**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8000, 33.6226, -4.2096**, and **59.8550, 30.1445, -8.6428** is the 20% darker color. If you saturate the color by 10%, you get **94.2710, 39.3064, -7.2537**, and if you desaturate by 10%, it is **124.3950, 24.4553, -3.8544**.

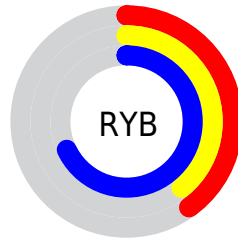
Distribution



Red (40%)

Green (39%)

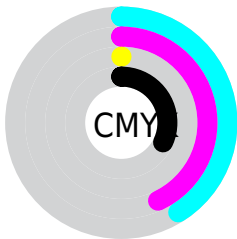
Blue (68%)



Red (40%)

Yellow (39%)

Blue (68%)

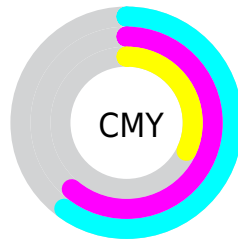


Cyan (41%)

Magenta (43%)

Yellow (0%)

Black (32%)



Cyan (60%)

Magenta (61%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.3330, 31.8808, -5.5540 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 109.3330, 31.8808, -5.5540 by changing the saturation by 10% instead.

■ 109.3330, 31.8808,
-5.5540

■ 109.3330, 31.8808,
-5.5540

■ 255.0000, 0.0000,
0.0000

■ 84.3930, 30.8653,
-6.4837

■ 161.8000, 33.6226,
-4.2096

■ 59.8550, 30.1445,
-8.6428

■ 188.8710, 32.6016,
-3.3949

■ 36.0070, 29.5765,
-13.1611

■ 213.0920, 20.6606,
-0.0807

■ 15.2520, 27.9768,
-13.3760

■ 238.1990, 8.2829,
3.3335

■ 7.3470, 20.5349,
-6.4433

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 109.3330, 31.8808,
-5.5540

■ 109.3330, 31.8808,
-5.5540

■ 94.2710, 39.3064,
-7.2537

■ 124.3950, 24.4553,
-3.8544

■ 78.9210, 46.8739,
-7.8237

■ 139.7450, 16.8877,
-3.2844

■ 63.8590, 54.2995,
-9.5233

■ 154.8070, 9.4621,
-1.5847

■ 48.2100, 62.0145,
-10.7082

■ 170.4560, 1.7472,
-0.3999

■ 33.4470, 69.2926,
-11.7930

■ 185.2190, -5.5310,
0.6849

■ 21.9290, 74.9710,
-13.0927

■ 200.2810,
-12.9565, 2.3846

■ 215.9300,
-20.6715, 3.5694

■ 230.9920,
-28.0971, 5.2690

■ 245.1680,
-35.0858, 6.8687

Harmonies

Analogous

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



87.0790, 46.7961, -76.3683



109.3330, 31.8808, -5.5540



111.7310, 18.3736, 33.5619

Triad

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



109.3330, 31.8808, -5.5540



106.2020, -29.6796, 46.3038



85.7040, 8.5269, -75.1624

Complementary

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



109.3330, 31.8808, -5.5540



164.6670, -31.8808, 5.5540

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.



93.1800, -13.3997, -42.2539



109.3330, 31.8808, -5.5540



104.1100, -37.0292, 23.5825

Square

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



109.3330, 31.8808, -5.5540



106.5900, -14.5879, 59.1186



100.8290, -30.9747, -5.1120



90.0360, 25.1253, -78.9616

Rectangle

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



109.3330, 31.8808, -5.5540



109.4960, 8.1365, 50.4310



100.8290, -30.9747, -5.1120



83.6350, 3.1379, -73.3479

Sweetspot

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



109.3330, 31.8808, -5.5540



201.0180, 12.8091, -1.7698



150.7000, 11.4869, -44.4639



98.4650, 8.1518, -1.2848



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.



109.3330, 31.8808, -5.5540



125.7190, 49.9315, -8.5236



120.0970, 26.5742, 16.5779



79.0260, 3.9312, -0.8998



18.8940, 64.6353, -11.3080



2.9210, 9.8989, -1.6847

Inverse Universe

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



130.2200, 20.1045, 38.3951



158.3380, 31.3854, 60.2166



153.9030, -26.5742, -16.5779



81.6030, 2.1677, 4.7332



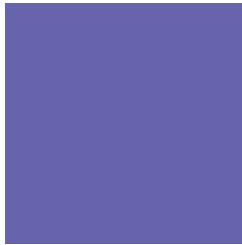
61.2660, 40.7879, 77.8197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 109.3330, 31.8808, -5.5540 looks on a white background.

Color Contrast Check

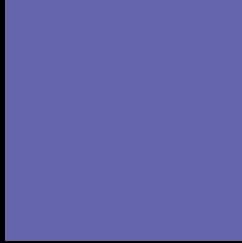
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.3330, 31.8808, -5.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

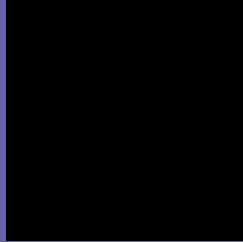
Any Text WCAG AA × Fail

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 109.3330, 31.8808, -5.5540 Background



This preview shows how black text looks on a background with the YUV color 109.3330, 31.8808, -5.5540.



This preview shows how white text looks on a background with the YUV color 109.3330, 31.8808, -5.5540.

-5.5540.

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

109.3330, 31.8808, -5.5540

Protanopia

105.9500, 36.0136, -24.5122

Deuteranopia

104.5320, 33.2617, -28.5306



Tritanopia

106.4480, 7.1741, -14.4249

Trichromacy



Original Color

109.3330, 31.8808, -5.5540

Protanomaly

107.2390, 34.3922, -17.7496

Deuteranomaly

106.1740, 32.9452, -20.3236

Tritanomaly

107.7610, 15.8938, -11.1914

Monochromacy



Original Color

109.3330, 31.8808, -5.5540

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3770, 11.6461, -2.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3330, 31.8808, -5.5540 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(103, 100, 174)` looks like.

```
.text, #text, p{  
    color:rgb(103, 100, 174)  
}
```

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(103, 100, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 100, 174) }
```

Border

The CSS property to change the border of an element to YUV 109.3330, 31.8808, -5.5540 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(103, 100, 174) }
```


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

```
.border{ border-color:rgb(103, 100, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 100, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 100, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 100, 174);  
box-shadow:4px 4px 4px 4px rgb(103, 100,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 109.3330, 31.8808, -5.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 100, 174) }
```

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

```
.background{ background-color: rgb(103,  
100, 174) }
```

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