

Converting Colors

YUV(101.7720, 15.8884,
-9.4470)

Have a look what the booklet for
YUV(101.7720, 15.8884, -9.4470)
contains.

YUV(101.7720, 15.8884, -9.4470)	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(101.7720, 15.8884,
-9.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6586
RGB	91, 101, 134
RGB Percent	36%, 40%, 53%
CMY	0.6431, 0.6039, 0.4745
CMYK	0.32, 0.25, 0.00, 0.47
HSL	226°, 19%, 44%
HSV	226°, 32%, 53%
XYZ	13.2711, 13.2527, 24.4128
YIQ	101.7720, -16.5530, 8.1430

Conversions

Conversions Part 2

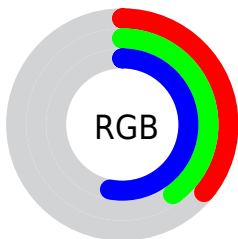
Format	Color
RYB	91, 99, 134
Decimal	5989766
CIELab	43.14, 4.47, -19.53
CIELCh	43, 20.039, 282.899
Yxy	13.2527, 0.2605, 0.2602
Android (android.graphics.Color)	4284179846 (0xFF5B6586)
YUV	101.7720, 15.8884, -9.4470
Hunter-Lab	36.4043, 1.3644, -14.2770

Details

The YUV color **101.7720, 15.8884, -9.4470** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.2280, -15.8884, 9.4470**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0000, 16.7620, -9.6470**, and **54.1310, 14.7254, -9.7619** is the 20% darker color. If you saturate the color by 10%, you get **92.0150, 20.6986, -12.2912**, and if you desaturate by 10%, it is **111.5290, 11.0782, -6.6029**.

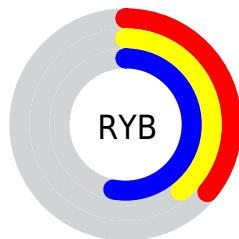
Distribution



Red (36%)

Green (40%)

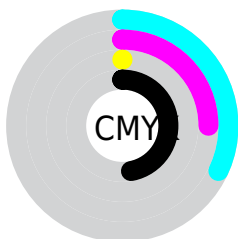
Blue (53%)



Red (36%)

Yellow (39%)

Blue (53%)

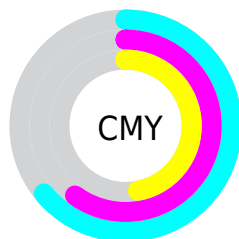


Cyan (32%)

Magenta (25%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7720, 15.8884, -9.4470 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 101.7720, 15.8884, -9.4470 by changing the saturation by 10% instead.

■ 101.7720, 15.8884,
-9.4470

■ 101.7720, 15.8884,
-9.4470

■ 255.0000, 0.0000,
0.0000

■ 77.6580, 15.4516,
-9.3471

■ 153.0000, 16.7620,
-9.6470

■ 54.1310, 14.7254,
-9.7619

■ 179.5270, 17.4882,
-9.2322

■ 32.3050, 14.1466,
-10.7915

■ 207.6410, 17.9250,
-9.3322

■ 10.3160, 14.1412,
-9.0471

■ 233.7030, 10.4994,
-7.6325

■ 2.5250, 7.1362,
-2.2144

■ 254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 101.7720, 15.8884,
-9.4470

■ 101.7720, 15.8884,
-9.4470

■ 92.0150, 20.6986,
-12.2912

■ 111.5290, 11.0782,
-6.6029

■ 81.3720, 25.9456,
-15.2352

■ 122.1720, 5.8312,
-3.6588

■ 71.6150, 30.7558,
-18.0794

■ 131.9290, 1.0210,
-0.8147

■ 61.5590, 35.7134,
-21.5382

■ 141.9850, -3.9366,
2.6442

■ 51.8020, 40.5236,
-24.3824

■ 151.7420, -8.7468,
5.4883

■ 41.4580, 45.6232,
-26.7117


■ 162.0860,
-13.8464, 7.8176

■ 33.4730, 49.5598,
-29.3558

■ 172.1420,
-18.8040, 11.2765

■ 181.8990,

-23.6142, 14.1206

 192.5420,
-28.8612, 17.0647

Harmonies

Analogous

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



97.4170, 17.5424, -26.6757



101.7720, 15.8884, -9.4470



103.9160, 10.8874, 7.9667

Triad

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



101.7720, 15.8884, -9.4470



102.5920, -11.1379, 25.7908



95.6890, -1.8187, -23.4063

Complementary

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



101.7720, 15.8884, -9.4470



123.2280, -15.8884, 9.4470

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.



98.4860, -10.5926, -9.1962



101.7720, 15.8884, -9.4470



102.0980, -15.3313, 17.4541

Square

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



101.7720, 15.8884, -9.4470



104.0250, -4.4493, 27.1651



100.0210, -15.2934, 5.2436



93.4300, 7.6760, -35.4571

Rectangle

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



101.7720, 15.8884, -9.4470



104.4180, 6.2029, 17.1734



100.0210, -15.2934, 5.2436



96.7990, -5.3239, -19.1177

Sweetspot

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



101.7720, 15.8884, -9.4470



160.2860, 6.2680, -3.7588



120.0030, 1.9705, -25.4356



79.0150, 3.9366, -2.6442



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



101.7720, 15.8884, -9.4470



123.0300, 24.6352, -14.9353



99.1910, 17.1608, 2.4635



61.2710, 2.3314, -1.1147



32.4300, 48.1020, -28.4411



0.9290, 1.0210, -0.8147

Inverse Universe

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



104.9970, -1.9705, 25.4356



127.8570, -2.8875, 39.5904



125.8090, -17.1608, -2.4635



61.9080, -0.4476, 3.5887



42.2900, -6.0590, 76.9217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 101.7720, 15.8884, -9.4470 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 101.7720, 15.8884, -9.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

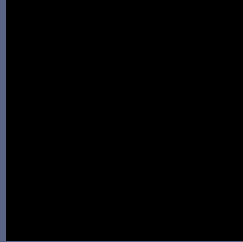
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

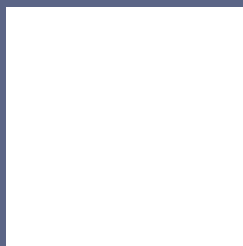
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.7720, 15.8884, -9.4470

Background



This preview shows how black text looks on a background with the YUV color 101.7720, 15.8884, -9.4470.



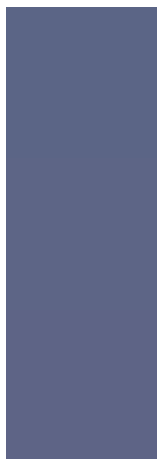
This preview shows how white text looks on a background with the YUV color 101.7720, 15.8884, -9.4470.

-9.4470.

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

101.7720, 15.8884, -9.4470

Protanopia

102.3700, 15.5936, -8.2175

Deuteranopia

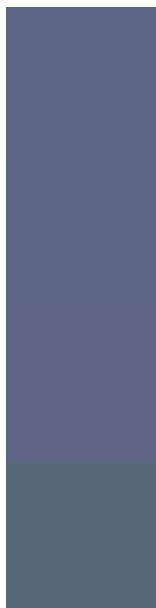
102.0820, 15.7356, -7.0879



Tritanopia

100.2310, 6.2951, -12.4806

Trichromacy



Original Color

101.7720, 15.8884, -9.4470

Protanomaly

102.0710, 15.7410, -8.8323

Deuteranomaly

101.7830, 15.8830, -7.7027

Tritanomaly

101.1540, 9.7841, -11.5361

Monochromacy



Original Color

101.7720, 15.8884, -9.4470

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7720, 15.8884, -9.4470 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(91, 101, 134)` looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 134)  
}
```

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(91, 101, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 134) }
```

Border

The CSS property to change the border of an element to YUV 101.7720, 15.8884, -9.4470 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(91, 101, 134) }
```


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

```
.border{ border-color:rgb(91, 101, 134) }
```

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

Here you see how a box with a 4 pixel rgb(91, 101, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 134);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 101.7720, 15.8884, -9.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 134) }
```

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

```
.background{ background-color: rgb(91, 101,  
134) }
```

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