

Converting Colors

YUV(115.8420, 16.3469,
-16.5244)

Have a look what the booklet for
YUV(115.8420, 16.3469, -16.5244)
contains.

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Color

**YUV(115.8420, 16.3469,
-16.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	617795
RGB	97, 119, 149
RGB Percent	38%, 47%, 58%
CMY	0.6196, 0.5333, 0.4157
CMYK	0.35, 0.20, 0.00, 0.42
HSL	215°, 21%, 48%
HSV	215°, 35%, 58%
XYZ	16.9514, 17.9050, 30.9963
YIQ	115.8420, -22.7420, 4.6660

Conversions

Conversions Part 2

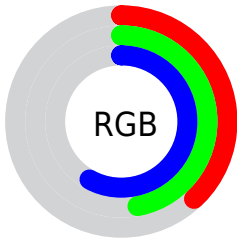
Format	Color
R _Y B	97, 112, 149
Decimal	6387605
CIE Lab	49.38, -0.37, -18.84
CIE LCh	49, 18.845, 268.879
Yxy	17.9050, 0.2574, 0.2719
Android (android.graphics.Color)	4284577685 (0xFF617795)
YUV	115.8420, 16.3469, -16.5244
Hunter-Lab	42.3143, -2.5415, -13.8115

Details

The YUV color **115.8420, 16.3469, -16.5244** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **130.1580, -16.3469, 16.5244**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0700, 17.2205, -16.7244**, and **67.2010, 15.1839, -16.8393** is the 20% darker color. If you saturate the color by 10%, you get **106.0740, 21.1625, -21.1129**, and if you desaturate by 10%, it is **125.6100, 11.5313, -11.9360**.

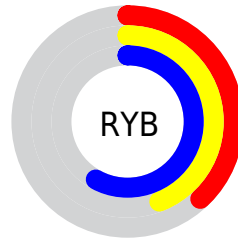
Distribution



Red (38%)

Green (47%)

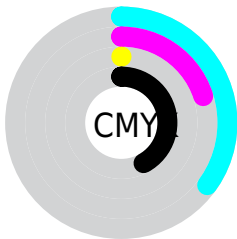
Blue (58%)



Red (38%)

Yellow (44%)

Blue (58%)

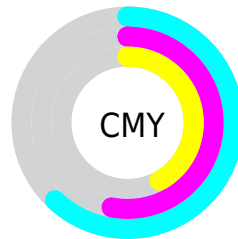


Cyan (35%)

Magenta (20%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8420, 16.3469, -16.5244 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 115.8420, 16.3469, -16.5244 by changing the saturation by 10% instead.

■ 115.8420, 16.3469,
-16.5244

■ 115.8420, 16.3469,
-16.5244

■ 255.0000, 0.0000,
0.0000

■ 90.7280, 15.9101,
-16.4245

■ 168.0700, 17.2205,
-16.7244

■ 67.2010, 15.1839,
-16.8393

■ 195.1840, 17.6573,
-16.8244

■ 44.0760, 14.7525,
-18.4837

■ 222.7280, 15.9101,
-16.4245

■ 22.2500, 14.1738,
-19.5132

■ 248.1230, 3.3904,
-14.1399

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 115.8420, 16.3469,
-16.5244

■ 115.8420, 16.3469,
-16.5244

■ 106.0740, 21.1625,
-21.1129

■ 125.6100, 11.5313,
-11.9360

■ 96.8930, 25.6888,
-26.2162

■ 134.7910, 7.0050,
-6.8327

■ 87.1250, 30.5044,
-30.8046

■ 144.5590, 2.1894,
-2.2442

■ 77.9440, 35.0306,
-35.9079

■ 153.7400, -2.3368,
2.8590

■ 68.1760, 39.8462,
-40.4964

■ 163.2090, -7.0050,
6.8327

■ 58.7070, 44.5144,
-44.4700

■ 172.9770,
-11.8207, 11.4212

■ 53.9670, 46.8513,
-47.3291

■ 182.1580,
-16.3469, 16.5244

■ 191.9260,
-21.1625, 21.1129

■ 201.1070,
-25.6888, 26.2162

Harmonies

Analogous

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



111.9390, 15.8061, -29.7645



115.8420, 16.3469, -16.5244



118.4420, 13.0931, 0.4894

Triad

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



115.8420, 16.3469, -16.5244



119.4010, -8.0857, 26.8353



112.8810, -6.3503, -16.5586

Complementary

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



115.8420, 16.3469, -16.5244



130.1580, -16.3469, 16.5244

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.



114.9600, -12.7983, -1.7189



115.8420, 16.3469, -16.5244



118.2880, -13.4530, 21.6724

Square

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



115.8420, 16.3469, -16.5244



120.0400, -0.5127, 24.5209



116.7660, -15.1676, 11.6062



110.5080, 2.7076, -28.5095

Rectangle

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



115.8420, 16.3469, -16.5244



119.8840, 9.4242, 10.6257



116.7660, -15.1676, 11.6062



113.6320, -8.6926, -11.9553

Sweetspot

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



115.8420, 16.3469, -16.5244



181.5630, 6.1314, -6.6328



130.8300, -2.3812, -29.6689



89.3030, 3.7946, -3.7737



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



115.8420, 16.3469, -16.5244



141.8930, 25.6888, -26.2162



103.8250, 22.2713, -3.3545



69.5590, 2.1894, -2.2442



49.7780, 43.4934, -43.6553



3.4880, 3.2104, -3.0590

Inverse Universe

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



115.0560, 1.9444, 29.7689



140.5080, 3.2006, 46.9125



142.1750, -22.2713, 3.3545



69.4350, 0.2785, 4.0035



47.8740, 4.9921, 79.0405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 115.8420, 16.3469, -16.5244 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 115.8420, 16.3469, -16.5244 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

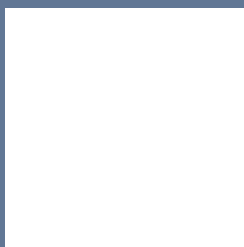
Any Text WCAG AAA × Fail

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

YUV 115.8420, 16.3469, -16.5244 Background



This preview shows how black text looks on a background with the YUV color 115.8420, 16.3469, -16.5244.

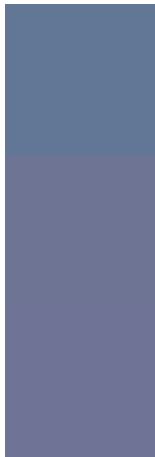


This preview shows how white text looks on a background with the YUV color 115.8420, 16.3469, -16.5244.

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

115.8420, 16.3469, -16.5244

Protanopia

117.7400, 14.4252, -6.7880

Deuteranopia

117.7940, 15.8776, -5.9583



Tritanopia

114.4690, 8.6428, -18.8283

Trichromacy



Original Color

115.8420, 16.3469, -16.5244

Protanomaly

116.9460, 15.3096, -10.4766

Deuteranomaly

116.8860, 16.3252, -9.5470

Tritanomaly

114.8650, 11.4056, -18.2986

Monochromacy



Original Color

115.8420, 16.3469, -16.5244

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8420, 16.3469, -16.5244 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(97, 119, 149)` looks like.

```
.text, #text, p{  
    color:rgb(97, 119, 149)  
}
```

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(97, 119, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 119, 149) }
```

Border

The CSS property to change the border of an element to YUV 115.8420, 16.3469, -16.5244 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(97, 119, 149) }
```


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

```
.border{ border-color:rgb(97, 119, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 119, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 119, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 119, 149);  
box-shadow:4px 4px 4px 4px rgb(97, 119,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 115.8420, 16.3469, -16.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 119, 149) }
```

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

```
.background{ background-color: rgb(97, 119,  
149) }
```

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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