

Converting Colors

YUV(107.6580, 15.4516,
-9.3471)

Have a look what the booklet for
YUV(107.6580, 15.4516, -9.3471)
contains.

| | |
|--|----|
| YUV(107.6580, 15.4516, -9.3471) | 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(107.6580, 15.4516,
-9.3471)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 616B8B |
| RGB | 97, 107, 139 |
| RGB Percent | 38%, 42%, 55% |
| CMY | 0.6196, 0.5804, 0.4549 |
| CMYK | 0.30, 0.23, 0.00, 0.45 |
| HSL | 226°, 18%, 46% |
| HSV | 226°, 30%, 55% |
| XYZ | 14.8477, 14.9209, 26.5236 |
| YIQ | 107.6580, -16.2320, 7.8320 |

Conversions

Conversions Part 2

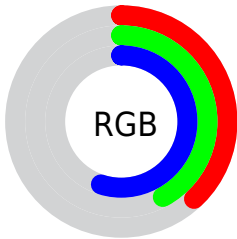
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 97, 105, 139 |
| Decimal | 6384523 |
| CIE Lab | 45.53, 4.09, -18.83 |
| CIE LCh | 46, 19.267, 282.247 |
| Yxy | 14.9209, 0.2638, 0.2651 |
| Android (android.graphics.Color) | 4284574603 (0xFF616B8B) |
| YUV | 107.6580, 15.4516, -9.3471 |
| Hunter-Lab | 38.6275, 1.0137, -13.6722 |

Details

The YUV color **107.6580, 15.4516, -9.3471** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.3420, -15.4516, 9.3471**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2990, 16.6146, -9.0322**, and **60.0170, 14.2886, -9.6619** is the 20% darker color. If you saturate the color by 10%, you get **97.0150, 20.6986, -12.2912**, and if you desaturate by 10%, it is **118.3010, 10.2046, -6.4030**.

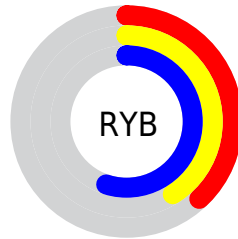
Distribution



Red (38%)

Green (42%)

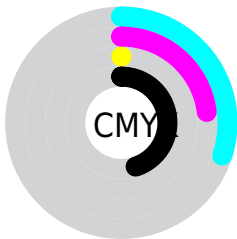
Blue (55%)



Red (38%)

Yellow (41%)

Blue (55%)

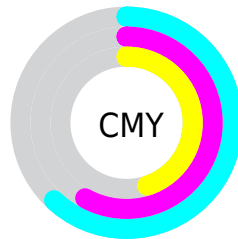


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6580, 15.4516, -9.3471 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 107.6580, 15.4516, -9.3471 by changing the saturation by 10% instead.

■ 107.6580, 15.4516,
-9.3471

■ 107.6580, 15.4516,
-9.3471

■ 255.0000, 0.0000,
0.0000

■ 83.1310, 14.7254,
-9.7619

■ 159.2990, 16.6146,
-9.0322

■ 60.0170, 14.2886,
-9.6619

■ 186.1140, 17.1988,
-9.7470

■ 37.4900, 13.5624,
-10.0767

■ 214.1140, 17.1988,
-9.7470

■ 16.3650, 13.1311,
-11.7211

■ 239.9050, 7.4418,
-6.9327

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 107.6580, 15.4516,
-9.3471

■ 107.6580, 15.4516,
-9.3471

■ 97.0150, 20.6986,
-12.2912

■ 118.3010, 10.2046,
-6.4030

■ 86.9590, 25.6562,
-15.7500

■ 128.3570, 5.2470,
-2.9441

■ 76.3160, 30.9032,
-18.6941

■ 139.0000, 0.0000,
0.0000

■ 66.2600, 35.8608,
-22.1530

■ 149.0560, -4.9576,
3.4589

■ 55.9160, 40.9604,
-24.4823

■ 159.6990,
-10.2046, 6.4030

■ 45.2730, 46.2074,
-27.4264


■ 170.0430,
-15.3042, 8.7323

■ 35.2170, 51.1650,
-30.8853

■ 180.0990,
-20.2618, 12.1912

■ 190.7420,

-25.5088, 15.1353

 200.7980,
-30.4664, 18.5942

Harmonies

Analogous

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



103.9010, 16.8108, -25.3462



107.6580, 15.4516, -9.3471



109.6170, 11.0348, 7.3519

Triad

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



107.6580, 15.4516, -9.3471



109.2930, -10.9904, 25.1760



101.8740, -2.4029, -22.6915

Complementary

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



107.6580, 15.4516, -9.3471



128.3420, -15.4516, 9.3471

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.



104.3120, -10.0138, -8.1666



107.6580, 15.4516, -9.3471



107.5110, -15.0419, 17.9689

Square

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



107.6580, 15.4516, -9.3471



109.8400, -3.8651, 26.4503



106.4340, -15.0040, 5.7584



100.2130, 6.7970, -33.5128

Rectangle

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



107.6580, 15.4516, -9.3471



110.1190, 6.3503, 16.5586



106.4340, -15.0040, 5.7584



102.5110, -5.1819, -17.9881

Sweetspot

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



107.6580, 15.4516, -9.3471



169.1720, 5.8312, -3.6588



125.3020, 1.8231, -24.8209



84.3140, 3.7892, -2.0294



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



107.6580, 15.4516, -9.3471



132.2150, 24.0510, -14.2206



105.0770, 16.7240, 2.5635



63.9720, 2.4788, -1.7294



33.9460, 48.8336, -29.7706



1.1570, 1.8946, -1.0147

Inverse Universe

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



110.6980, -1.8231, 24.8209



137.1450, -3.0295, 38.4608



131.2220, -16.8714, -1.9487



64.3210, -0.1583, 4.1035



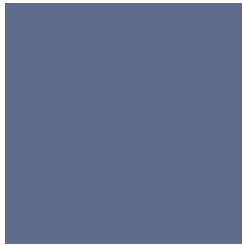
43.4150, -5.6276, 78.5660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 107.6580, 15.4516, -9.3471 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 107.6580, 15.4516, -9.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

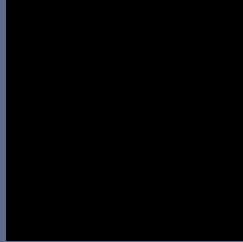
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

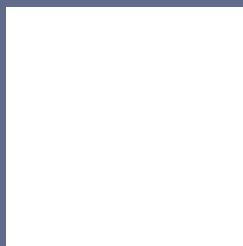
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.6580, 15.4516, -9.3471

Background



This preview shows how black text looks on a background with the YUV color 107.6580, 15.4516, -9.3471.



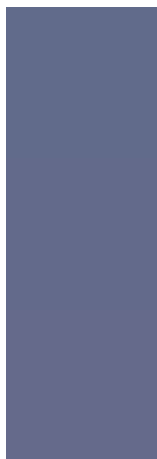
This preview shows how white text looks on a background with the YUV color 107.6580, 15.4516, -9.3471.

-9.3471.

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

107.6580, 15.4516, -9.3471

Protanopia

107.6690, 15.4462, -7.6027

Deuteranopia

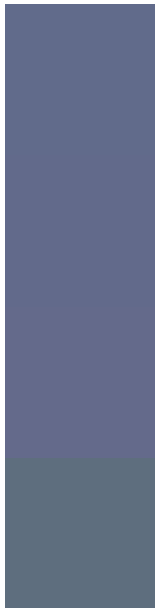
108.2670, 15.1514, -6.3732



Tritanopia

106.5300, 6.1477, -11.8658

Trichromacy



Original Color

107.6580, 15.4516, -9.3471

Protanomaly

107.3700, 15.5936, -8.2175

Deuteranomaly

107.9680, 15.2988, -6.9879

Tritanomaly

107.0400, 9.3473, -11.4361

Monochromacy



Original Color

107.6580, 15.4516, -9.3471

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6580, 15.4516, -9.3471 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, 107, 139)` looks like.

```
.text, #text, p{  
    color:rgb(97, 107, 139)  
}
```

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, 107, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 107, 139) }
```

Border

The CSS property to change the border of an element to YUV 107.6580, 15.4516, -9.3471 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, 107, 139) }
```


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

```
.border{ border-color:rgb(97, 107, 139) }
```

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

Here you see how a box with a 4 pixel rgb(97, 107, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 107, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 107, 139);  
box-shadow:4px 4px 4px 4px rgb(97, 107,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 107.6580, 15.4516, -9.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 107, 139) }
```

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

```
.background{ background-color: rgb(97, 107,  
139) }
```

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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