

Converting Colors

YUV(110.8120, 15.3757,
15.0739)

Have a look what the booklet for
YUV(110.8120, 15.3757, 15.0739)
contains.

YUV(110.8120, 15.3757, 15.0739)	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(110.8120, 15.3757,
15.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	80608E
RGB	128, 96, 142
RGB Percent	50%, 38%, 56%
CMY	0.4980, 0.6235, 0.4431
CMYK	0.10, 0.32, 0.00, 0.44
HSL	282°, 19%, 47%
HSV	282°, 32%, 56%
XYZ	17.9674, 14.9079, 27.5217
YIQ	110.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

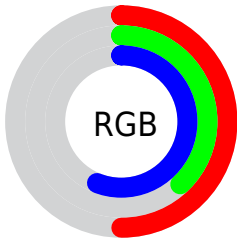
Format	Color
R_{YB}	128, 96, 142
Decimal	8413326
CIE _{Lab}	45.51, 21.84, -20.41
CIE _{LCh}	46, 29.889, 316.941
Yxy	14.9079, 0.2975, 0.2468
Android (android.graphics.Color)	4286603406 (0xFF80608E)
YUV	110.8120, 15.3757, 15.0739
Hunter-Lab	38.6108, 15.4957, -15.2343

Details

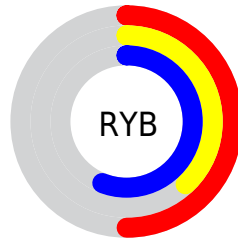
The YUV color **110.8120, 15.3757, 15.0739** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.1880, -15.3757, -15.0739**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7520, 16.3913, 16.0035**, and **62.5730, 14.5075, 13.5295** is the 20% darker color. If you saturate the color by 10%, you get **101.3980, 20.0168, 19.8220**, and if you desaturate by 10%, it is **120.2260, 10.7346, 10.3258**.

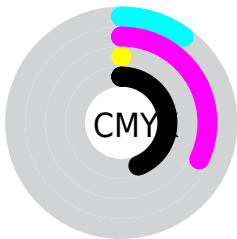
Distribution



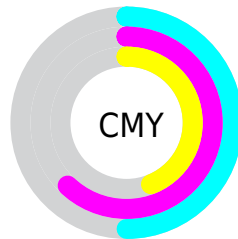
- Red (50%)
- Green (38%)
- Blue (56%)



- Red (50%)
- Yellow (38%)
- Blue (56%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8120, 15.3757, 15.0739 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 110.8120, 15.3757, 15.0739 by changing the saturation by 10% instead.

■ 110.8120, 15.3757,
15.0739

■ 110.8120, 15.3757,
15.0739

■ 255.0000, 0.0000,
0.0000

■ 86.2850, 14.6495,
14.6591

■ 162.7520, 16.3913,
16.0035

■ 62.5730, 14.5075,
13.5295

■ 190.1650, 16.6807,
16.5183

■ 39.7470, 13.9287,
12.4999

■ 217.9910, 17.2594,
17.5479

■ 17.6330, 13.4919,
12.5999

■ 239.7380, 7.5242,
13.3848

■ 2.7360, 10.4832,
-2.3995

■ 0.0000, 0.0000,
0.0000

■ 110.8120, 15.3757,
15.0739

■ 110.8120, 15.3757,
15.0739

■ 101.3980, 20.0168,
19.8220

■ 120.2260, 10.7346,
10.3258

■ 91.6850, 24.8053,
23.9553

■ 129.9390, 5.9461,
6.1925

■ 81.6840, 29.7358,
29.2181

■ 139.9400, 1.0156,
0.9296

■ 72.2700, 34.3769,
33.9662

■ 149.3540, -3.6255,
-3.8185

■ 62.5570, 39.1654,
38.0995

■ 159.0670, -8.4140,
-7.9518

■ 53.1430, 43.8065,
42.8476


■ 168.4810,
-13.0551, -12.6998

■ 45.7890, 47.4320,
46.6660

■ 177.8950,
-17.6962, -17.4479

■ 188.1950,

-22.7741, -22.0960

 197.6090,
-27.4152, -26.8441

Harmonies

Analogous

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



107.4110, 23.4614, -11.7614



110.8120, 15.3757, 15.0739



110.4740, 4.6963, 33.7873

Triad

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



110.8120, 15.3757, 15.0739



106.3670, -23.3519, 23.3571



84.8210, 17.8362, -74.3880

Complementary

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



110.8120, 15.3757, 15.0739



127.1880, -15.3757, -15.0739

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.



95.4370, 0.2776, -42.4792



110.8120, 15.3757, 15.0739



104.7730, -22.5661, 4.5841

Square

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



110.8120, 15.3757, 15.0739



108.2360, -17.8643, 36.6270



101.2200, -13.9125, -17.7329



86.1550, 28.0246, -75.5579

Rectangle

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



110.8120, 15.3757, 15.0739



109.7430, -3.3243, 39.6904



101.2200, -13.9125, -17.7329



86.8990, 12.8678, -67.4404

Sweetspot

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



110.8120, 15.3757, 15.0739



171.0530, 6.3829, 6.0925



110.0490, 15.7518, -12.3210



84.3470, 3.7729, 3.2037



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.



110.8120, 15.3757, 15.0739



135.1580, 24.0791, 23.5404



114.0860, 9.8176, 24.4806



66.2930, 2.3206, 2.3740



43.4960, 45.1115, 44.2920



2.4070, 2.7573, 2.2741

Inverse Universe

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



111.3500, -0.6656, 26.8800



136.0360, -1.0037, 42.0644



123.9140, -9.8176, -24.4806



66.3210, -0.1583, 4.1035



45.0390, -1.9912, 78.8958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 110.8120, 15.3757, 15.0739 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 110.8120, 15.3757, 15.0739 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 110.8120, 15.3757, 15.0739

Background



This preview shows how black text looks on a background with the YUV color 110.8120, 15.3757, 15.0739.



This preview shows how white text looks on a background with the YUV color 110.8120, 15.3757, 15.0739.

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

110.8120, 15.3757, 15.0739

Protanopia

107.7270, 20.8406, -11.1616

Deuteranopia

108.3810, 15.5882, -6.4731



Tritanopia

109.1910, 0.3988, 12.1105

Trichromacy



Original Color

110.8120, 15.3757, 15.0739

Protanomaly

108.6250, 18.9189, -1.4251

Deuteranomaly

109.1370, 15.7085, 1.6339

Tritanomaly

109.9830, 5.9244, 13.1699

Monochromacy



Original Color

110.8120, 15.3757, 15.0739

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8120, 15.3757, 15.0739 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(128, 96, 142)` looks like.

```
.text, #text, p{  
    color:rgb(128, 96, 142)  
}
```

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(128, 96, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 96, 142) }
```

Border

The CSS property to change the border of an element to YUV 110.8120, 15.3757, 15.0739 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(128, 96, 142) }
```


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

```
.border{ border-color:rgb(128, 96, 142) }
```

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

Here you see how a box with a 4 pixel rgb(128, 96, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 96, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 96, 142);  
box-shadow:4px 4px 4px 4px rgb(128, 96,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 110.8120, 15.3757, 15.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 96, 142) }
```

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

```
.background{ background-color: rgb(128, 96,  
142) }
```

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