

Converting Colors

YUV(154.9270, 10.8820, 9.7110)

Have a look what the booklet for
YUV(154.9270, 10.8820, 9.7110)
contains.

YUV(154.9270, 10.8820, 9.7110)	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(154.9270, 10.8820,
9.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	A691B1
RGB	166, 145, 177
RGB Percent	65%, 57%, 69%
CMY	0.3490, 0.4314, 0.3059
CMYK	0.06, 0.18, 0.00, 0.31
HSL	279°, 17%, 63%
HSV	279°, 18%, 69%
XYZ	33.7871, 31.5321, 45.9005
YIQ	154.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

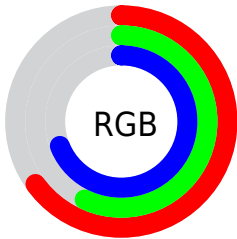
Format	Color
RYB	166, 145, 177
Decimal	10916273
CIELab	62.95, 13.87, -13.83
CIELCh	63, 19.592, 315.081
Yxy	31.5321, 0.3038, 0.2835
Android (android.graphics.Color)	4289106353 (0xFFA691B1)
YUV	154.9270, 10.8820, 9.7110
Hunter-Lab	56.1535, 9.1335, -9.1569

Details

The YUV color $154.9270, 10.8820, 9.7110$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $167.0730, -10.8820, -9.7110$, and the grayscale version is $155.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.4540, 11.6082, 10.1258$, and $103.4000, 10.1558, 9.2962$ is the 20% darker color. If you saturate the color by 10%, you get $142.5670, 16.9755, 15.2887$, and if you desaturate by 10%, it is $167.2870, 4.7885, 4.1333$.

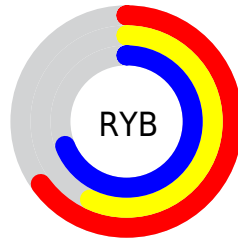
Distribution



Red (65%)

Green (57%)

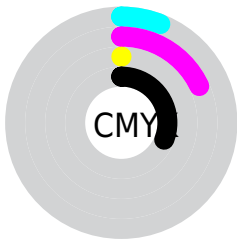
Blue (69%)



Red (65%)

Yellow (57%)

Blue (69%)

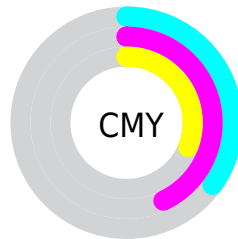


Cyan (6%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9270, 10.8820, 9.7110 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 154.9270, 10.8820, 9.7110 by changing the saturation by 10% instead.

■ 154.9270, 10.8820,
9.7110

■ 154.9270, 10.8820,
9.7110

255.0000, 0.0000,
0.0000

■ 128.8130, 10.4452,
9.8110

■ 209.4540, 11.6082,
10.1258

■ 103.4000, 10.1558,
9.2962

■ 237.0690, 8.8400,
11.3405

■ 79.5740, 9.5770,
8.2666

■ 56.4600, 9.1402,
8.3666

■ 34.7480, 8.9982,
7.2370

■ 11.4110, 10.1504,
11.0406

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 154.9270, 10.8820,
9.7110

■ 154.9270, 10.8820,
9.7110

■ 142.5670, 16.9755,
15.2887

■ 167.2870, 4.7885,
4.1333

■ 130.7940, 22.7796,
20.3517

■ 179.0600, -1.0156,
-0.9296

■ 118.4340, 28.8730,
25.9294

■ 191.4200, -7.1091,
-6.5073

■ 106.0740, 34.9665,
31.5071

■ 203.7800,
-13.2025, -12.0851

■ 94.3010, 40.7706,
36.5700

■ 215.5530,
-19.0066, -17.1480

■ 81.6420, 47.0115,
41.5330

■ 228.2120,
-25.2475, -22.1109

■ 69.2820, 53.1050,
47.1107

■ 232.3540,
-27.2895, -20.4815

■ 56.9220, 59.1985,
52.6884

■ 234.1480,
-28.1740, -16.7928

■ 54.8620, 60.2140,
53.6180

■ 235.9420,
-29.0584, -13.1041

Harmonies

Analogous

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



152.8970, 16.3198, -7.8027



154.9270, 10.8820, 9.7110



155.6530, 3.1291, 23.1063

Triad

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



154.9270, 10.8820, 9.7110



152.4680, -16.4997, 18.8836



144.8430, 7.9654, -34.9423

Complementary

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



154.9270, 10.8820, 9.7110



167.0730, -10.8820, -9.7110

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.



146.6780, -1.8133, -25.1506



154.9270, 10.8820, 9.7110



150.6080, -15.5827, 4.7288

Square

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



154.9270, 10.8820, 9.7110



153.8480, -12.7431, 27.3203



148.7740, -10.7346, -10.3258



146.2650, 14.6594, -35.3124

Rectangle

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



154.9270, 10.8820, 9.7110



155.1930, -2.5601, 27.8947



148.7740, -10.7346, -10.3258



145.0560, 4.9024, -32.4981

Sweetspot

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



154.9270, 10.8820, 9.7110



221.7600, 4.0623, 3.7185



155.1050, 10.7942, -8.8621



109.9940, 2.4680, 1.7593



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.



154.9270, 10.8820, 9.7110



194.6810, 17.4123, 15.1888



157.6460, 7.0765, 16.9735



82.8200, 3.0467, 2.7889



47.3420, 52.0894, 46.1811



8.0470, 8.8508, 7.8518

Inverse Universe

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



155.8220, 0.0878, 18.5731



196.1870, -0.0922, 29.6540



164.3540, -7.0765, -16.9735



83.0330, -0.0163, 5.2331



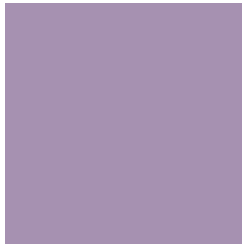
51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 154.9270, 10.8820, 9.7110 looks on a white background.

Color Contrast Check

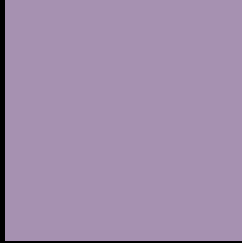
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 154.9270, 10.8820, 9.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

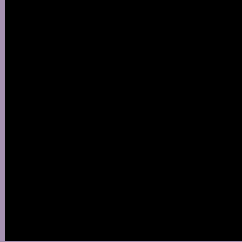
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.9270, 10.8820, 9.7110

Background



This preview shows how black text looks on a background with the YUV color 154.9270, 10.8820, 9.7110.



This preview shows how white text looks on a background with the YUV color 154.9270, 10.8820,

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

154.9270, 10.8820, 9.7110

Protanopia

152.9250, 13.8410, -6.0732

Deuteranopia

154.1710, 10.7617, 1.6040



Tritanopia

153.8530, 3.0305, 8.0219

Trichromacy



Original Color

154.9270, 10.8820, 9.7110

Protanomaly

153.7300, 12.9511, -0.6402

Deuteranomaly

154.7800, 10.4615, 4.5779

Tritanomaly

154.2490, 5.7932, 8.5516

Monochromacy



Original Color

154.9270, 10.8820, 9.7110

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9270, 10.8820, 9.7110 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(166, 145, 177)` looks like.

```
.text, #text, p{  
    color:rgb(166, 145, 177)  
}
```

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(166, 145, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 145, 177) }
```

Border

The CSS property to change the border of an element to YUV 154.9270, 10.8820, 9.7110 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(166, 145, 177) }
```


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

```
.border{ border-color:rgb(166, 145, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 145, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 145, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 145, 177);  
box-shadow:4px 4px 4px 4px rgb(166, 145,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 154.9270, 10.8820, 9.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 145, 177) }
```

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

```
.background{ background-color: rgb(166,  
145, 177) }
```

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