

Converting Colors

YUV(159.7150, 12.4655,
15.1589)

Have a look what the booklet for
YUV(159.7150, 12.4655, 15.1589)
contains.

YUV(159.7150, 12.4655, 15.1589)	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(159.7150, 12.4655,
15.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	B192B9
RGB	177, 146, 185
RGB Percent	69%, 57%, 73%
CMY	0.3059, 0.4275, 0.2745
CMYK	0.04, 0.21, 0.00, 0.27
HSL	288°, 22%, 65%
HSV	288°, 21%, 73%
XYZ	37.1673, 33.4077, 50.3883
YIQ	159.7150, 5.9570, 18.7010

Conversions

Conversions Part 2

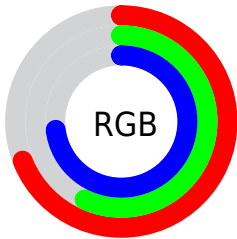
Format	Color
R _Y B	177, 146, 185
Decimal	11637433
CIE Lab	64.49, 18.69, -15.92
CIE LCh	64, 24.556, 319.576
Yxy	33.4077, 0.3073, 0.2762
Android (android.graphics.Color)	4289827513 (0xFFB192B9)
YUV	159.7150, 12.4655, 15.1589
Hunter-Lab	57.7994, 13.6338, -11.2283

Details

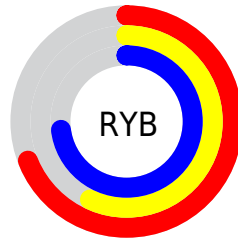
The YUV color **159.7150, 12.4655, 15.1589** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.2850, -12.4655, -15.1589**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5410, 13.0443, 16.1885**, and **107.8890, 11.8867, 14.1293** is the 20% darker color. If you saturate the color by 10%, you get **147.9530, 18.2642, 21.9662**, and if you desaturate by 10%, it is **172.0640, 6.3774, 7.8369**.

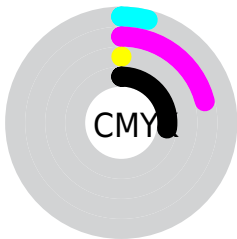
Distribution



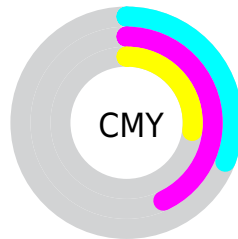
- Red (69%)
- Green (57%)
- Blue (73%)



- Red (69%)
- Yellow (57%)
- Blue (73%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7150, 12.4655, 15.1589 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 159.7150, 12.4655, 15.1589 by changing the saturation by 10% instead.

■ 159.7150, 12.4655,
15.1589

■ 159.7150, 12.4655,
15.1589

255.0000, 0.0000,
0.0000

■ 133.3020, 12.1761,
14.6441

■ 214.5410, 13.0443,
16.1885

■ 107.8890, 11.8867,
14.1293

■ 239.1510, 7.8136,
13.8996

■ 83.4760, 11.5973,
13.6145

■ 60.5360, 10.5818,
12.6849

■ 37.8240, 10.4398,
11.5554

■ 15.2480, 10.7237,
13.8145

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 159.7150, 12.4655,
15.1589

■ 159.7150, 12.4655,
15.1589

■ 147.9530, 18.2642,
21.9662

■ 172.0640, 6.3774,
7.8369

■ 135.6040, 24.3522,
29.2883

■ 183.8260, 0.5788,
1.0296

■ 123.5540, 30.2929,
37.2251

■ 195.8760, -5.3619,
-6.9073

■ 111.7920, 36.0915,
44.0324

■ 207.6380,
-11.1605, -13.7145

■ 100.0300, 41.8902,
50.8397

■ 219.4000,
-16.9592, -20.5218

87.6810, 47.9783,
58.1618

230.5750,
-22.4685, -26.8143

75.3320, 54.0663,
65.4838

231.7710,
-23.0581, -24.3552

65.0430, 59.1388,
71.8763

232.6680,
-23.5003, -22.5108

233.8640,
-24.0900, -20.0517

Harmonies

Analogous

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



156.8200, 19.8087, -6.8581



159.7150, 12.4655, 15.1589



159.8820, 2.5232, 30.7985

Triad

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



159.7150, 12.4655, 15.1589



155.7410, -20.5783, 20.3981



146.0910, 11.7871, -47.4378

Complementary

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



159.7150, 12.4655, 15.1589



171.2850, -12.4655, -15.1589

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.



147.7800, 0.1085, -34.8871



159.7150, 12.4655, 15.1589



153.9730, -19.2137, 2.6547

Square

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



159.7150, 12.4655, 15.1589



157.5560, -16.5431, 32.8384



150.8010, -11.7339, -16.4885



147.3930, 20.5123, -45.9487

Rectangle

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



159.7150, 12.4655, 15.1589



159.0800, -4.4764, 35.8868



150.8010, -11.7339, -16.4885



146.4890, 8.1399, -44.2789

Sweetspot

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



159.7150, 12.4655, 15.1589



230.2980, 4.7831, 5.8777



155.1420, 14.7200, -8.0175



114.1190, 2.8993, 3.4036



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



159.7150, 12.4655, 15.1589



200.8930, 19.2798, 22.8958



160.8530, 6.4815, 21.1769



86.1190, 2.8993, 3.4036



54.8600, 49.8620, 60.6358



9.7700, 8.9874, 10.7257

Inverse Universe

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



158.5730, -2.2545, 23.1765



199.3080, -3.6028, 35.6869



170.1470, -6.4815, -21.1769



85.9190, -0.4531, 5.3330



50.2920, -9.0180, 92.7059



9.0560, -1.5066, 16.6139

Previews

White Background



This preview shows how the YUV color 159.7150, 12.4655, 15.1589 looks on a white background.

Color Contrast Check

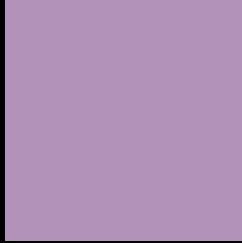
Large Text (above 18pt) WCAG AA × Fail

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 159.7150, 12.4655, 15.1589 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 159.7150, 12.4655, 15.1589

Background



This preview shows how black text looks on a background with the YUV color 159.7150, 12.4655, 15.1589.



This preview shows how white text looks on a background with the YUV color 159.7150, 12.4655, 15.1589.

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

159.7150, 12.4655, 15.1589

Protanopia

157.0110, 16.7566, -7.9026

Deuteranopia

158.3280, 12.6563, 0.5893



Tritanopia

158.5440, 1.7038, 13.5549

Trichromacy



Original Color

159.7150, 12.4655, 15.1589

Protanomaly

158.3110, 15.1297, 0.6043

Deuteranomaly

158.6600, 12.4926, 6.4372

Tritanomaly

159.1680, 5.3402, 13.8847

Monochromacy



Original Color

159.7150, 12.4655, 15.1589

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8850, 4.4937, 5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7150, 12.4655, 15.1589 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(177, 146, 185)` looks like.

```
.text, #text, p{  
    color:rgb(177, 146, 185)  
}
```

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(177, 146, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 146, 185) }
```

Border

The CSS property to change the border of an element to YUV 159.7150, 12.4655, 15.1589 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(177, 146, 185) }
```


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

```
.border{ border-color:rgb(177, 146, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 146, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 146, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 146, 185);  
box-shadow:4px 4px 4px 4px rgb(177, 146,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 159.7150, 12.4655, 15.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 146, 185) }
```

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

```
.background{ background-color: rgb(177,  
146, 185) }
```

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