

Converting Colors

YUV(159.1830, 9.2768, 11.2405)

Have a look what the booklet for
YUV(159.1830, 9.2768, 11.2405)
contains.

YUV(159.1830, 9.2768, 11.2405)	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(159.1830, 9.2768,
11.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	AC95B2
RGB	172, 149, 178
RGB Percent	67%, 58%, 70%
CMY	0.3255, 0.4157, 0.3020
CMYK	0.03, 0.16, 0.00, 0.30
HSL	288°, 16%, 64%
HSV	288°, 16%, 70%
XYZ	35.7966, 33.4799, 46.6951
YIQ	159.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

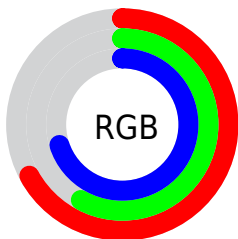
Format	Color
R _Y B	172, 149, 178
Decimal	11310514
CIE Lab	64.55, 13.89, -11.95
CIE LCh	65, 18.324, 319.305
Yxy	33.4799, 0.3087, 0.2887
Android (android.graphics.Color)	4289500594 (0xFFAC95B2)
YUV	159.1830, 9.2768, 11.2405
Hunter-Lab	57.8618, 9.1720, -7.3443

Details

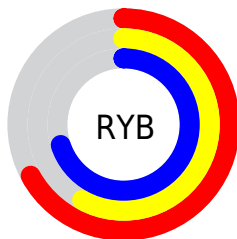
The YUV color $159.1830, 9.2768, 11.2405$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $167.8170, -9.2768, -11.2405$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.0090, 9.8556, 12.2701$, and $107.6560, 8.5506, 10.8257$ is the 20% darker color. If you saturate the color by 10%, you get $147.4210, 15.0754, 18.0478$, and if you desaturate by 10%, it is $170.9450, 3.4781, 4.4332$.

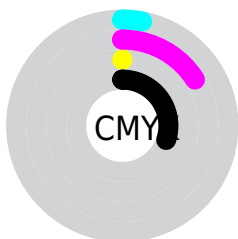
Distribution



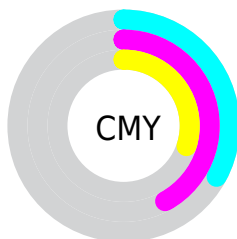
- Red (67%)
- Green (58%)
- Blue (70%)



- Red (67%)
- Yellow (58%)
- Blue (70%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)





- Cyan (33%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.1830, 9.2768, 11.2405 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 159.1830, 9.2768, 11.2405 by changing the saturation by 10% instead.

 159.1830, 9.2768,
11.2405


 159.1830, 9.2768,
11.2405


255.0000, 0.0000,
0.0000


 132.7700, 8.9874,
10.7257


 214.0090, 9.8556,
12.2701


 107.6560, 8.5506,
10.8257

 240.9120, 6.9454,
12.3552

 83.2430, 8.2612,
10.3109

 60.4170, 7.6824,
9.2813

 38.1180, 7.8298,
8.6665

 16.1290, 7.8244,
10.4109

 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 159.1830, 9.2768,
11.2405

■ 159.1830, 9.2768,
11.2405

■ 147.4210, 15.0754,
18.0478

■ 170.9450, 3.4781,
4.4332

■ 135.9580, 20.7267,
25.4698

■ 182.4080, -2.1731,
-2.9888

■ 124.7830, 26.2360,
31.7623

■ 193.5830, -7.6824,
-9.2813

■ 113.0210, 32.0346,
38.5696

■ 205.3450,
-13.4811, -16.0886

■ 101.5580, 37.6859,
45.9916

■ 216.8080,
-19.1323, -23.5106

89.7960, 43.4846,
52.7989

227.9830,
-24.6416, -29.8031

78.0340, 49.2832,
59.6062

229.1790,
-25.2312, -27.3440

67.1580, 54.6451,
66.5134

230.0760,
-25.6735, -25.4997

62.4510, 56.9657,
68.8875

231.2720,
-26.2631, -23.0405

Harmonies

Analogous

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



157.1640, 14.7091, -4.5288



159.1830, 9.2768, 11.2405



159.8980, 1.5293, 22.8915

Triad

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



159.1830, 9.2768, 11.2405



156.3860, -15.4733, 16.3245



149.9680, 8.3968, -33.2979

Complementary

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



159.1830, 9.2768, 11.2405



167.8170, -9.2768, -11.2405

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.



151.0200, -0.5029, -25.4505



159.1830, 9.2768, 11.2405



154.9390, -14.2669, 2.6845

Square

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



159.1830, 9.2768, 11.2405



157.8370, -12.7376, 25.5760



152.6320, -8.6926, -11.9553



151.2870, 14.6485, -31.8237

Rectangle

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



159.1830, 9.2768, 11.2405



159.2530, -3.5757, 26.9651



152.6320, -8.6926, -11.9553



150.1810, 5.3338, -30.8537

Sweetspot

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



159.1830, 9.2768, 11.2405



224.3580, 3.7675, 4.9480



155.8280, 10.9308, -5.9882



112.5920, 2.1731, 2.9888



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



159.1830, 9.2768, 11.2405



202.0080, 14.7861, 17.5330



160.0650, 4.8980, 15.7290



83.1190, 2.8993, 3.4036



53.6210, 48.9938, 59.0914



8.9440, 8.4086, 9.6961

Inverse Universe

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



158.3550, -1.6540, 17.2287



200.7800, -2.8495, 27.3799



166.9350, -4.8980, -15.7290



82.9190, -0.4531, 5.3330



49.3950, -8.5757, 90.8616



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 159.1830, 9.2768, 11.2405 looks on a white background.

Color Contrast Check

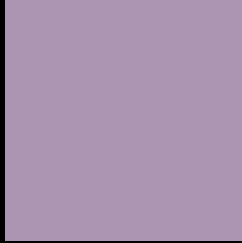
Large Text (above 18pt) WCAG AA × Fail

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 159.1830, 9.2768, 11.2405 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 159.1830, 9.2768, 11.2405

Background



This preview shows how black text looks on a background with the YUV color 159.1830, 9.2768, 11.2405.



This preview shows how white text looks on a background with the YUV color 159.1830, 9.2768,

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

159.1830, 9.2768, 11.2405

Protanopia

157.1810, 12.2358, -4.5437

Deuteranopia

158.4270, 9.1565, 3.1335



Tritanopia

158.6360, 2.1515, 9.9662

Trichromacy



Original Color

159.1830, 9.2768, 11.2405

Protanomaly

157.9860, 11.3459, 0.8893

Deuteranomaly

159.0360, 8.8563, 6.1074

Tritanomaly

158.9180, 4.4774, 10.5959

Monochromacy



Original Color

159.1830, 9.2768, 11.2405

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1830, 9.2768, 11.2405 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(172, 149, 178)` looks like.

```
.text, #text, p{  
    color:rgb(172, 149, 178)  
}
```

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(172, 149, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 149, 178) }
```

Border

The CSS property to change the border of an element to YUV 159.1830, 9.2768, 11.2405 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(172, 149, 178) }
```


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

```
.border{ border-color:rgb(172, 149, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 149, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 149, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 149, 178);  
box-shadow:4px 4px 4px 4px rgb(172, 149,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 159.1830, 9.2768, 11.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 149, 178) }
```

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

```
.background{ background-color: rgb(172,  
149, 178) }
```

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