

# Converting Colors

YUV(159.3090, 24.9907,  
11.1300)

Have a look what the booklet for  
YUV(159.3090, 24.9907, 11.1300)  
contains.

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# Color

**YUV(159.3090, 24.9907,  
11.1300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC8FD2
RGB	172, 143, 210
RGB Percent	67%, 56%, 82%
CMY	0.3255, 0.4392, 0.1765
CMYK	0.18, 0.32, 0.00, 0.18
HSL	266°, 43%, 69%
HSV	266°, 32%, 82%
XYZ	38.4686, 33.0687, 65.3282
YIQ	159.3090, -4.2230, 26.9850

# Conversions

## Conversions Part 2

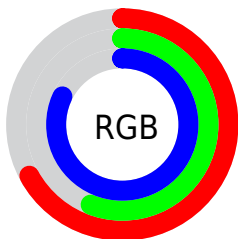
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 143, 210
Decimal	11309010
CIE <sub>Lab</sub>	64.22, 24.09, -30.38
CIE <sub>LCh</sub>	64, 38.772, 308.411
Yxy	33.0687, 0.2811, 0.2416
Android (android.graphics.Color)	4289499090 (0xFFAC8FD2)
YUV	159.3090, 24.9907, 11.1300
Hunter-Lab	57.5054, 18.7741, -27.1017

# Details

The YUV color  $159.3090, 24.9907, 11.1300$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $193.6910, -24.9907, -11.1300$ , and the grayscale version is  $159.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $212.8810, 20.7647, 13.2594$ , and  $107.2550, 23.5383, 10.3004$  is the 20% darker color. If you saturate the color by 10%, you get  $143.3940, 32.8368, 14.5635$ , and if you desaturate by 10%, it is  $175.2240, 17.1446, 7.6966$ .

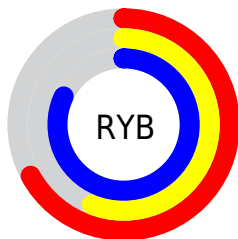
# Distribution



Red (67%)

Green (56%)

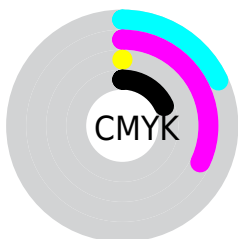
Blue (82%)



Red (67%)

Yellow (56%)

Blue (82%)

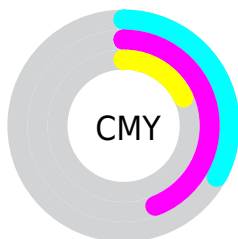


Cyan (18%)

Magenta (32%)

Yellow (0%)

Black (18%)



Cyan (33%)

Magenta (44%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 159.3090, 24.9907, 11.1300 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 159.3090, 24.9907, 11.1300 by changing the saturation by 10% instead.





 159.3090, 24.9907,  
11.1300

 159.3090, 24.9907,  
11.1300


255.0000, 0.0000,  
0.0000

 132.7820, 24.2645,  
10.7152


 212.8810, 20.7647,  
13.2594


 107.2550, 23.5383,  
10.3004


 237.3900, 8.6817,  
15.4440

 83.0160, 22.6701,  
8.7560

254.4130, 0.2894,  
0.5148

 59.1900, 22.0913,  
7.7264

 36.2500, 21.0757,  
6.7968

 13.5490, 20.9283,  
7.4115

 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,  
-0.7998

■ 0.0000, 0.0000,  
0.0000

■ 159.3090, 24.9907,  
11.1300

■ 159.3090, 24.9907,  
11.1300

■ 143.3940, 32.8368,  
14.5635

■ 175.2240, 17.1446,  
7.6966

■ 127.4790, 40.6829,  
17.9969

■ 191.1390, 9.2985,  
4.2631

■ 111.5640, 48.5289,  
21.4304

■ 207.0540, 1.4524,  
0.8296

■ 95.6490, 56.3750,  
24.8638

■ 222.9690, -6.3937,  
-2.6038

79.7340, 64.2211,  
28.2973

238.8840,  
-14.2398, -6.0373

64.1180, 71.9198,  
32.3455

246.2820,  
-17.8870, -2.8783

51.1490, 78.3135,  
34.9493

249.8700,  
-19.6559, 4.4990

# Harmonies

## Analogous

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



152.9880, 35.0089, -28.9305



159.3090, 24.9907, 11.1300



160.1250, 10.7844, 41.1094

# Triad

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



159.3090, 24.9907, 11.1300



155.1040, -31.1103, 38.4968



125.4330, 19.5065, -96.8497

# Complementary

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



159.3090, 24.9907, 11.1300



193.6910, -24.9907, -11.1300

# 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.



141.3840, -6.1053, -48.5718



159.3090, 24.9907, 11.1300



152.1950, -32.6341, 13.8610

# Square

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



159.3090, 24.9907, 11.1300



156.8360, -21.1181, 53.6408



148.0110, -23.6694, -14.9186



123.5360, 36.7108, -108.3411



# Rectangle

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



159.3090, 24.9907, 11.1300



158.7430, 0.1267, 52.8454



148.0110, -23.6694, -14.9186



133.9320, 9.4005, -75.3624

# Sweetspot

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



159.3090, 24.9907, 11.1300



236.1390, 9.2985, 4.2631



173.5310, 17.9792, -26.7757



115.9170, 5.9569, 2.7038



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



159.3090, 24.9907, 11.1300



181.6160, 36.1783, 16.1228



168.8770, 20.2736, 30.8029



96.7490, 4.0677, 1.9741



40.9790, 62.6214, 28.0824



10.0560, 15.2554, 6.9669



# Inverse Universe

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



167.3650, 6.7221, 37.3909



193.2730, 9.7254, 54.1346



184.1230, -20.2736, -30.8029



97.9730, 0.9993, 6.1627



61.0620, 16.7314, 93.7846



14.8810, 4.0027, 22.9064



# Previews

## White Background



This preview shows how the YUV color 159.3090, 24.9907, 11.1300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

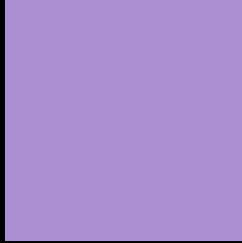
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.3090, 24.9907, 11.1300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

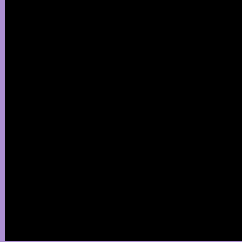
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.3090, 24.9907, 11.1300

## Background



This preview shows how black text looks on a background with the YUV color 159.3090, 24.9907, 11.1300.



This preview shows how white text looks on a background with the YUV color 159.3090, 24.9907, 11.1300.



# 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

159.3090, 24.9907, 11.1300

### Protanopia

155.9140, 30.6084, -17.4646

### Deuteranopia

155.9810, 25.6454, -12.2613



## Tritanopia

156.9560, 3.4727, 6.1776

# Trichromacy



## Original Color

159.3090, 24.9907, 11.1300

## Protanomaly

157.1110, 28.5393, -7.1133

## Deuteranomaly

157.0360, 25.6183, -3.5396

## Tritanomaly

158.0300, 11.3242, 7.8667

# Monochromacy



## Original Color

159.3090, 24.9907, 11.1300

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

159.1390, 9.2985, 4.2631

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.3090, 24.9907, 11.1300 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, 143, 210)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 210)  
}
```

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, 143, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 210) }
```

## Border

The CSS property to change the border of an element to YUV 159.3090, 24.9907, 11.1300 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, 143, 210) }
```



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

```
.border{ border-color:rgb(172, 143, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 143, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 143, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 143, 210);  
box-shadow:4px 4px 4px 4px rgb(172, 143,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 159.3090, 24.9907, 11.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 210) }
```

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

```
.background{ background-color: rgb(172,  
143, 210) }
```

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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