

# Converting Colors

YUV(151.2040, 14.1964,  
19.9921)

Have a look what the booklet for  
YUV(151.2040, 14.1964, 19.9921)  
contains.

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# Color

**YUV(151.2040, 14.1964,  
19.9921)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE86B4
RGB	174, 134, 180
RGB Percent	68%, 53%, 71%
CMY	0.3176, 0.4745, 0.2941
CMYK	0.03, 0.26, 0.00, 0.29
HSL	292°, 23%, 62%
HSV	292°, 26%, 71%
XYZ	34.2189, 29.3442, 47.0405
YIQ	151.2040, 9.0740, 22.7860

# Conversions

## Conversions Part 2

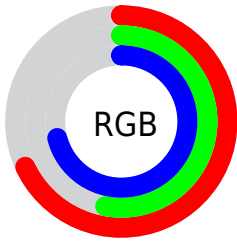
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 134, 180
Decimal	11437748
CIELab	61.08, 23.44, -18.29
CIELCh	61, 29.729, 322.032
Yxy	29.3442, 0.3094, 0.2653
Android (android.graphics.Color)	4289627828 (0xFFAE86B4)
YUV	151.2040, 14.1964, 19.9921
Hunter-Lab	54.1702, 17.9590, -13.5672

# Details

The YUV color **151.2040, 14.1964, 19.9921** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162.7960, -14.1964, -19.9921**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0300, 14.7752, 21.0217**, and **99.9650, 13.3283, 18.4477** is the 20% darker color. If you saturate the color by 10%, you get **140.0400, 19.7003, 28.0289**, and if you desaturate by 10%, it is **162.3680, 8.6926, 11.9553**.

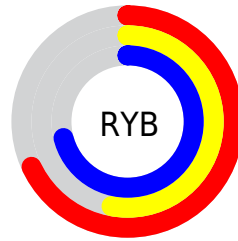
# Distribution



Red (68%)

Green (53%)

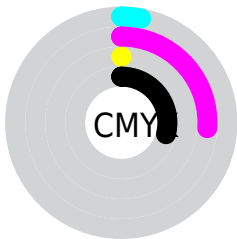
Blue (71%)



Red (68%)

Yellow (53%)

Blue (71%)

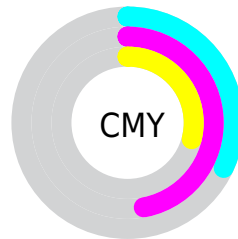


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (47%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 151.2040, 14.1964, 19.9921 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 151.2040, 14.1964, 19.9921 by changing the saturation by 10% instead.





 151.2040, 14.1964,  
19.9921


 151.2040, 14.1964,  
19.9921


255.0000, 0.0000,  
0.0000

 124.7910, 13.9070,  
19.4773


 206.0300, 14.7752,  
21.0217


 99.9650, 13.3283,  
18.4477


 231.5200, 11.5756,  
20.5920

 75.5520, 13.0389,  
17.9329

 248.5430, 3.1833,  
5.6628

 52.4270, 12.6075,  
16.2885

 30.0140, 12.3181,  
15.7737

 12.8460, 10.4289,  
15.0441

 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,  
0.0000

■ 151.2040, 14.1964,  
19.9921

■ 151.2040, 14.1964,  
19.9921

■ 140.0400, 19.7003,  
28.0289

■ 162.3680, 8.6926,  
11.9553

■ 128.5770, 25.3515,  
35.4510

■ 173.8310, 3.0413,  
4.5332

■ 117.4130, 30.8554,  
43.4878

■ 184.9950, -2.4625,  
-3.5036

■ 106.2490, 36.3592,  
51.5246

■ 196.1590, -7.9664,  
-11.5404

■ 94.7860, 42.0105,  
58.9467

■ 207.6220,  
-13.6176, -18.9625

83.6220, 47.5144,  
66.9835

218.7860,  
-19.1215, -26.9993

72.4580, 53.0182,  
75.0203

227.0150,  
-23.1784, -32.4622

67.4630, 55.4807,  
78.5239

227.9120,  
-23.6206, -30.6178

228.5100,  
-23.9154, -29.3883

# Harmonies

## Analogous

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



148.4440, 23.4451, -6.5284



151.2040, 14.1964, 19.9921



150.9260, 2.5015, 37.7759

# Triad

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



151.2040, 14.1964, 19.9921



146.1990, -25.2411, 22.6275



131.6590, 16.9301, -63.7219

# Complementary

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



151.2040, 14.1964, 19.9921



162.7960, -14.1964, -19.9921

# 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.



135.4690, 1.7408, -45.1383



151.2040, 14.1964, 19.9921



144.0500, -22.7026, 1.7102

# Square

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



151.2040, 14.1964, 19.9921



148.5520, -20.4851, 37.2269



140.1270, -12.8806, -22.0364



133.6130, 26.8128, -60.1736



# Rectangle

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



151.2040, 14.1964, 19.9921



150.3690, -6.0979, 42.6494



140.1270, -12.8806, -22.0364



132.4270, 12.1145, -59.1335

# Sweetspot

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



151.2040, 14.1964, 19.9921



222.9500, 5.9407, 7.9369



142.7660, 18.3564, -7.6878



110.2440, 3.3307, 5.0480



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.



151.2040, 14.1964, 19.9921



189.1590, 22.5996, 31.4326



151.0600, 5.8864, 25.3804



83.4180, 2.7519, 4.0184



57.2090, 47.2250, 66.4687



9.5420, 8.1138, 10.9257



# Inverse Universe

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



148.4380, -4.1599, 27.6799



184.8530, -6.8295, 43.9789



162.9400, -5.8864, -25.3804



82.8050, -0.8899, 5.4330



48.0270, -13.8173, 92.0613

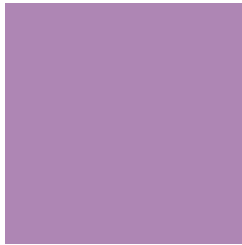


8.1160, -2.5222, 15.6843



# Previews

## White Background



This preview shows how the YUV color 151.2040, 14.1964, 19.9921 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

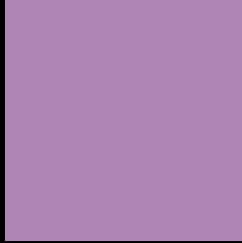
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 151.2040, 14.1964, 19.9921 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 × Fail

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

# YUV 151.2040, 14.1964, 19.9921 Background



This preview shows how black text looks on a background with the YUV color 151.2040, 14.1964, 19.9921.



This preview shows how white text looks on a background with the YUV color 151.2040, 14.1964,



# 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

151.2040, 14.1964, 19.9921

### Protanopia

148.0970, 19.6722, -9.7321

### Deuteranopia

148.7730, 14.4089, -1.5549



## Tritanopia

150.1100, -0.0542, 17.4435

# Trichromacy



## Original Color

151.2040, 14.1964, 19.9921

## Protanomaly

149.2940, 17.6031, 0.6192

## Deuteranomaly

149.5290, 14.5292, 6.5521

## Tritanomaly

150.4890, 5.1819, 17.9881

# Monochromacy



## Original Color

151.2040, 14.1964, 19.9921

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.1240, 5.3619, 6.9073

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.2040, 14.1964, 19.9921 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(174, 134, 180)` looks like.

```
.text, #text, p{  
    color:rgb(174, 134, 180)  
}
```

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(174, 134, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 180) }
```

## Border

The CSS property to change the border of an element to YUV 151.2040, 14.1964, 19.9921 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(174, 134, 180) }
```



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

```
.border{ border-color:rgb(174, 134, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 134, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 134, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 134, 180);  
box-shadow:4px 4px 4px 4px rgb(174, 134,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 151.2040, 14.1964, 19.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 180) }
```

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

```
.background{ background-color: rgb(174,  
134, 180) }
```

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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