

# Converting Colors

YUV(150.9140, 20.7484,  
18.4924)

Have a look what the booklet for  
YUV(150.9140, 20.7484, 18.4924)  
contains.

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# Color

**YUV(150.9140, 20.7484,  
18.4924)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC84C1
RGB	172, 132, 193
RGB Percent	67%, 52%, 76%
CMY	0.3255, 0.4824, 0.2431
CMYK	0.11, 0.32, 0.00, 0.24
HSL	279°, 33%, 64%
HSV	279°, 32%, 76%
XYZ	34.8902, 29.1234, 54.2346
YIQ	150.9140, 4.2590, 27.4510

# Conversions

## Conversions Part 2

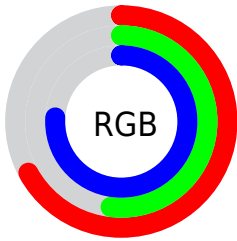
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 132, 193
Decimal	11306177
CIE Lab	60.89, 26.58, -25.97
CIE LCh	61, 37.162, 315.669
Yxy	29.1234, 0.2951, 0.2463
Android (android.graphics.Color)	4289496257 (0xFFAC84C1)
YUV	150.9140, 20.7484, 18.4924
Hunter-Lab	53.9661, 20.9630, -21.8086

# Details

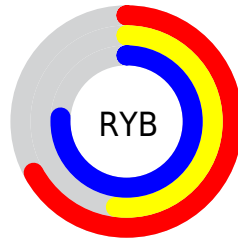
The YUV color **150.9140, 20.7484, 18.4924** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.0860, -20.7484, -18.4924**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2670, 22.0534, 19.9368**, and **99.5610, 19.4434, 17.0480** is the 20% darker color. If you saturate the color by 10%, you get **137.6680, 27.2787, 23.9702**, and if you desaturate by 10%, it is **164.1600, 14.2181, 13.0147**.

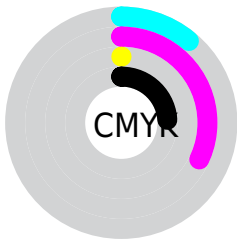
# Distribution



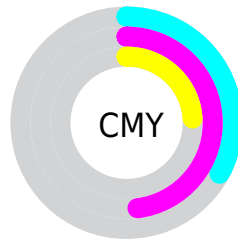
- Red (67%)
- Green (52%)
- Blue (76%)



- Red (67%)
- Yellow (52%)
- Blue (76%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (48%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.9140, 20.7484, 18.4924 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 150.9140, 20.7484, 18.4924 by changing the saturation by 10% instead.



150.9140, 20.7484,  
18.4924

150.9140, 20.7484,  
18.4924

255.0000, 0.0000,  
0.0000

124.5010, 20.4590,  
17.9776

205.2670, 22.0534,  
19.9368

99.5610, 19.4434,  
17.0480

230.3460, 12.1544,  
21.6216

74.8490, 19.3014,  
15.9184

247.3690, 3.7621,  
6.6924

51.9090, 18.2859,  
14.9888

28.4960, 17.9965,  
14.4740

12.9750, 14.8023,  
12.2999

2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 150.9140, 20.7484,  
18.4924

■ 150.9140, 20.7484,  
18.4924

■ 137.6680, 27.2787,  
23.9702

■ 164.1600, 14.2181,  
13.0147

■ 124.1340, 33.9509,  
30.5775

■ 177.6940, 7.5459,  
6.4074

■ 110.8880, 40.4812,  
36.0552

■ 190.9400, 1.0156,  
0.9296

■ 97.6420, 47.0115,  
41.5330

■ 204.1860, -5.5147,  
-4.5481

■ 84.6950, 53.3944,  
47.6255

■ 217.7200,  
-12.1870, -11.1554

70.8620, 60.2140,  
53.6180

230.9660,  
-18.7172, -16.6332

59.9750, 65.5813,  
58.7809

237.1680,  
-21.7748, -15.9333

238.9620,  
-22.6593, -12.2447

241.0550,  
-23.6911, -7.9412

# Harmonies

## Analogous

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



146.1420, 31.4820, -17.6645



150.9140, 20.7484, 18.4924



150.9960, 6.4110, 43.8535

# Triad

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



150.9140, 20.7484, 18.4924



146.0600, -31.0886, 31.5194



114.9640, 24.1747, -100.8234

# Complementary

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



150.9140, 20.7484, 18.4924



174.0860, -20.7484, -18.4924

# 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.



131.1320, -0.5581, -54.4898



150.9140, 20.7484, 18.4924



142.5470, -29.8497, 7.4133

# Square

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



150.9140, 20.7484, 18.4924



147.3470, -22.8491, 48.8077



138.8190, -19.1378, -21.7663



117.0960, 37.4207, -102.6932



# Rectangle

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



150.9140, 20.7484, 18.4924



149.7060, -3.7991, 52.0008



138.8190, -19.1378, -21.7663



121.0710, 15.2480, -84.2543

# Sweetspot

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



150.9140, 20.7484, 18.4924



234.1070, 7.8352, 6.9222



151.2810, 20.5675, -16.9094



115.2870, 4.7885, 4.1333



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



150.9140, 20.7484, 18.4924



184.3680, 32.3566, 28.6183



156.1670, 13.7217, 32.3025



90.2330, 3.3361, 3.3037



49.7490, 54.8467, 48.4551



10.3400, 11.1714, 10.2258



# Inverse Universe

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



152.6330, 0.1809, 35.4019



187.1670, 0.4107, 55.1045



168.8330, -13.7217, -32.3025



90.4460, 0.2731, 5.7479



54.4090, 0.2914, 93.4803



11.1210, -0.0597, 19.1879



# Previews

## White Background



This preview shows how the YUV color 150.9140, 20.7484, 18.4924 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 150.9140, 20.7484, 18.4924 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 150.9140, 20.7484, 18.4924 Background



This preview shows how black text looks on a background with the YUV color 150.9140, 20.7484, 18.4924.



This preview shows how white text looks on a background with the YUV color 150.9140, 20.7484,



# 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

150.9140, 20.7484, 18.4924

### Protanopia

147.1270, 27.5454, -15.0204

### Deuteranopia

148.1510, 21.1246, -8.9024



## Tritanopia

149.0280, 0.9722, 14.8844

# Trichromacy



## Original Color

150.9140, 20.7484, 18.4924

## Protanomaly

148.2210, 25.0340, -2.8248

## Deuteranomaly

148.9180, 21.2394, 0.9489

## Tritanomaly

149.5750, 8.0975, 16.1587

# Monochromacy



## Original Color

150.9140, 20.7484, 18.4924

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

150.9930, 7.3985, 7.0221

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.9140, 20.7484, 18.4924 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, 132, 193)` looks like.

```
.text, #text, p{  
    color:rgb(172, 132, 193)  
}
```

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, 132, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 132, 193) }
```

## Border

The CSS property to change the border of an element to YUV 150.9140, 20.7484, 18.4924 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, 132, 193) }
```



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

```
.border{ border-color:rgb(172, 132, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 132, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 132, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 132, 193);  
box-shadow:4px 4px 4px 4px rgb(172, 132,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 150.9140, 20.7484, 18.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 132, 193) }
```

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

```
.background{ background-color: rgb(172,  
132, 193) }
```

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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