

# Converting Colors

YUV(149.8700, 20.7701,  
11.5150)

Have a look what the booklet for  
YUV(149.8700, 20.7701, 11.5150)  
contains.

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# Color

**YUV(149.8700, 20.7701,  
11.5150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A387C0
RGB	163, 135, 192
RGB Percent	64%, 53%, 75%
CMY	0.3608, 0.4706, 0.2471
CMYK	0.15, 0.30, 0.00, 0.25
HSL	269°, 31%, 64%
HSV	269°, 30%, 75%
XYZ	33.2827, 28.9202, 53.6972
YIQ	149.8700, -1.6090, 23.6630

# Conversions

## Conversions Part 2

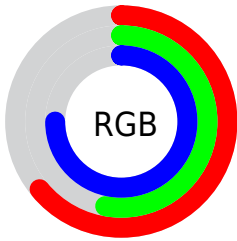
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 135, 192
Decimal	10717120
CIE <sub>Lab</sub>	60.71, 21.77, -25.75
CIE <sub>LCh</sub>	61, 33.722, 310.210
Yxy	28.9202, 0.2872, 0.2495
Android (android.graphics.Color)	4288907200 (0xFFA387C0)
YUV	149.8700, 20.7701, 11.5150
Hunter-Lab	53.7775, 16.3621, -21.5571

# Details

The YUV color **149.8700, 20.7701, 11.5150** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **177.1300, -20.7701, -11.5150**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9240, 22.2225, 12.3447**, and **98.5170, 19.4651, 10.0706** is the 20% darker color. If you saturate the color by 10%, you get **135.7270, 27.7426, 15.1484**, and if you desaturate by 10%, it is **164.0130, 13.7976, 7.8816**.

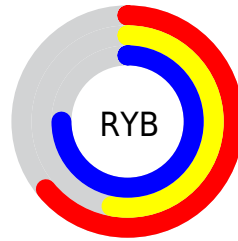
# Distribution



Red (64%)

Green (53%)

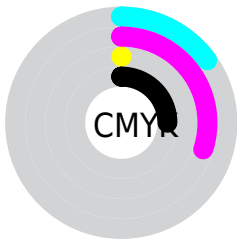
Blue (75%)



Red (64%)

Yellow (53%)

Blue (75%)

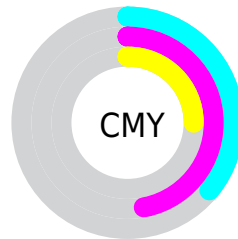


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (47%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.8700, 20.7701, 11.5150 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 149.8700, 20.7701, 11.5150 by changing the saturation by 10% instead.



■ 149.8700, 20.7701,  
11.5150

■ 149.8700, 20.7701,  
11.5150

■ 255.0000, 0.0000,  
0.0000

■ 124.0440, 20.1913,  
10.4854

■ 203.9240, 22.2225,  
12.3447

■ 98.5170, 19.4651,  
10.0706

■ 229.7150, 12.4655,  
15.1589

■ 74.6910, 18.8863,  
9.0410

■ 249.1300, 2.8939,  
5.1480

■ 51.1640, 18.1601,  
8.6262

■ 29.2240, 17.1446,  
7.6966

■ 11.0670, 15.2500,  
8.7112

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 149.8700, 20.7701,  
11.5150

■ 149.8700, 20.7701,  
11.5150

■ 135.7270, 27.7426,  
15.1484

■ 164.0130, 13.7976,  
7.8816

■ 121.5840, 34.7151,  
18.7818

■ 178.1560, 6.8251,  
4.2482

■ 107.1530, 41.8296,  
23.5448

■ 192.5870, -0.2894,  
-0.5148

■ 93.0100, 48.8021,  
27.1782

■ 206.7300, -7.2619,  
-4.1482

■ 78.8670, 55.7746,  
30.8116

■ 220.8730,  
-14.2344, -7.7816

64.7240, 62.7471,  
34.4451

235.0160,  
-21.2069, -11.4150

50.8800, 69.5722,  
38.6932

240.6420,  
-23.9805, -8.4560

49.9940, 70.0090,  
38.5933

243.6320,  
-25.4546, -2.3083

246.6220,  
-26.9286, 3.8395

# Harmonies

## Analogous

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



144.9520, 29.6037, -21.8829



149.8700, 20.7701, 11.5150



150.4080, 8.1799, 36.4762

# Triad

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



149.8700, 20.7701, 11.5150



146.0970, -27.1628, 32.3639



126.0340, 14.7732, -71.9438

# Complementary

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



149.8700, 20.7701, 11.5150



177.1300, -20.7701, -11.5150

# 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.



134.4710, -4.6692, -42.5091



149.8700, 20.7701, 11.5150



143.4380, -27.8239, 11.0169

# Square

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



149.8700, 20.7701, 11.5150



147.3620, -18.9125, 46.1635



139.7490, -19.5963, -14.6889



120.8650, 31.1256, -90.2126



# Rectangle

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



149.8700, 20.7701, 11.5150



149.3570, -1.1620, 46.1679



139.7490, -19.5963, -14.6889



129.3790, 8.1942, -61.7224

# Sweetspot

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



149.8700, 20.7701, 11.5150



232.9110, 8.4249, 4.4631



158.5210, 16.5051, -20.6279



114.6890, 5.0833, 2.9037



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.



149.8700, 20.7701, 11.5150



183.4160, 32.8259, 18.0522



158.2420, 16.6427, 28.7288



89.6350, 3.6309, 2.0741



41.9750, 58.6793, 32.4709



8.5460, 12.0558, 6.5372



# Inverse Universe

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



155.3490, 4.2649, 32.1429



192.1540, 6.8261, 50.7309



168.7580, -16.6427, -28.7288



90.5600, 0.7099, 5.6479



57.4870, 12.0849, 90.7809



11.8050, 2.5611, 18.5880



# Previews

## White Background



This preview shows how the YUV color 149.8700, 20.7701, 11.5150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

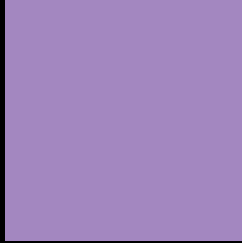
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 149.8700, 20.7701, 11.5150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

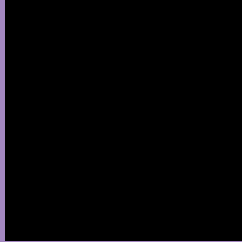
Any Text WCAG AA ✓ Pass

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 149.8700, 20.7701, 11.5150 Background



This preview shows how black text looks on a background with the YUV color 149.8700, 20.7701, 11.5150.



This preview shows how white text looks on a background with the YUV color 149.8700, 20.7701, 11.5150.



# 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

149.8700, 20.7701, 11.5150

### Protanopia

146.9700, 25.6508, -14.0057

### Deuteranopia

147.1510, 21.1246, -8.9024



## Tritanopia

147.8530, 3.0305, 8.0219

# Trichromacy



## Original Color

149.8700, 20.7701, 11.5150

## Protanomaly

147.8680, 23.7291, -4.2692

## Deuteranomaly

148.1950, 21.1029, -1.9250

## Tritanomaly

148.2860, 9.7190, 9.3962

# Monochromacy



## Original Color

149.8700, 20.7701, 11.5150

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

150.2700, 7.2619, 4.1482

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.8700, 20.7701, 11.5150 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(163, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 135, 192)  
}
```

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(163, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 135, 192) }
```

## Border

The CSS property to change the border of an element to YUV 149.8700, 20.7701, 11.5150 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(163, 135, 192) }
```



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

```
.border{ border-color:rgb(163, 135, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 135, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 135,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 149.8700, 20.7701, 11.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 135, 192) }
```

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

```
.background{ background-color: rgb(163,  
135, 192) }
```

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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