

# Converting Colors

YUV(121.2490, 29.4572,  
25.2146)

Have a look what the booklet for  
YUV(121.2490, 29.4572, 25.2146)  
contains.

<b>YUV(121.2490, 29.4572, 25.2146)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(121.2490, 29.4572,  
25.2146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	965FB5
RGB	150, 95, 181
RGB Percent	59%, 37%, 71%
CMY	0.4118, 0.6275, 0.2902
CMYK	0.17, 0.48, 0.00, 0.29
HSL	278°, 37%, 54%
HSV	278°, 48%, 71%
XYZ	25.0104, 18.0046, 45.8731
YIQ	121.2490, 5.1740, 38.4060

# Conversions

## Conversions Part 2

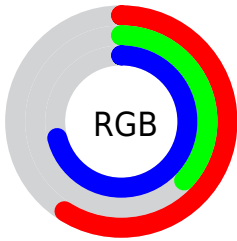
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 95, 181
Decimal	9854901
CIE <sub>Lab</sub>	49.50, 38.07, -37.00
CIE <sub>LCh</sub>	50, 53.086, 315.817
Yxy	18.0046, 0.2814, 0.2026
Android (android.graphics.Color)	4288044981 (0xFF965FB5)
YUV	121.2490, 29.4572, 25.2146
Hunter-Lab	42.4319, 30.9564, -34.3961

# Details

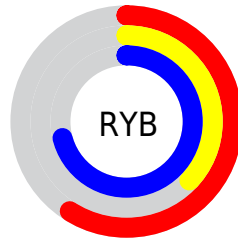
The YUV color  $121.2490, 29.4572, 25.2146$  is a dark color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $154.7510, -29.4572, -25.2146$ , and the grayscale version is  $121.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $174.9010, 30.6148, 27.2738$ , and  $70.5970, 28.2997, 23.1554$  is the 20% darker color. If you saturate the color by 10%, you get  $108.5900, 35.6981, 30.1776$ , and if you desaturate by 10%, it is  $133.9080, 23.2164, 20.2517$ .

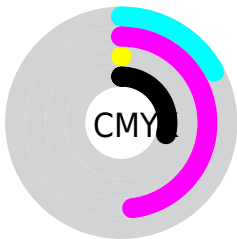
# Distribution



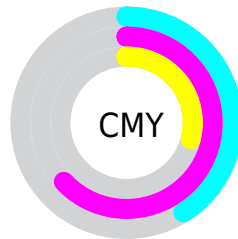
- Red (59%)
- Green (37%)
- Blue (71%)



- Red (59%)
- Yellow (37%)
- Blue (71%)



- Cyan (17%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (41%)
- Magenta (63%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.2490, 29.4572, 25.2146 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 121.2490, 29.4572, 25.2146 by changing the saturation by 10% instead.



121.2490, 29.4572,  
25.2146

121.2490, 29.4572,  
25.2146

255.0000, 0.0000,  
0.0000

95.4230, 28.8785,  
24.1850

174.9010, 30.6148,  
27.2738

70.5970, 28.2997,  
23.1554

201.4730, 26.3888,  
29.4032

45.1840, 28.0103,  
22.6406

223.8890, 15.3377,  
27.2843

22.6460, 27.2895,  
20.4815

240.3250, 7.2348,  
12.8700

14.3430, 20.0439,  
11.1002

4.8220, 13.3988,  
-4.2289

0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,  
0.0000

■ 121.2490, 29.4572,  
25.2146

■ 121.2490, 29.4572,  
25.2146

■ 108.5900, 35.6981,  
30.1776

■ 133.9080, 23.2164,  
20.2517

■ 96.2300, 41.7916,  
35.7553

■ 146.2680, 17.1229,  
14.6740

■ 83.5710, 48.0325,  
40.7182

■ 158.9270, 10.8820,  
9.7110

■ 71.2110, 54.1260,  
46.2960

■ 171.2870, 4.7885,  
4.1333

■ 58.5520, 60.3669,  
51.2589

■ 184.5330, -1.7418,  
-1.3444

■ 55.3180, 61.9612,  
53.2181

■ 196.8930, -7.8352,  
-6.9222

■ 209.5520,  
-14.0761, -11.8851

■ 221.9120,  
-20.1696, -17.4628

■ 232.8100,  
-25.5423, -20.8814

# Harmonies

## Analogous

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



113.0010, 45.3555, -34.2039



121.2490, 29.4572, 25.2146



117.4850, 11.5929, 61.8417

# Triad

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



121.2490, 29.4572, 25.2146



113.0320, -45.3718, 39.4369



97.6670, 21.3632, -85.6540

# Complementary

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



121.2490, 29.4572, 25.2146



154.7510, -29.4572, -25.2146

# 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.



91.7220, 1.1231, -80.4402



121.2490, 29.4572, 25.2146



109.4210, -45.5636, 7.5238

# Square

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



121.2490, 29.4572, 25.2146



114.3120, -29.7338, 63.7474



103.2060, -26.2306, -33.5067



101.0530, 39.4139, -88.6235



# Rectangle

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



121.2490, 29.4572, 25.2146



114.7070, -1.8276, 73.0480



103.2060, -26.2306, -33.5067



95.8430, 14.3744, -84.0543

# Sweetspot

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



121.2490, 29.4572, 25.2146



212.0410, 11.3188, 9.6110



123.5880, 28.3041, -25.0717



103.1670, 6.8197, 5.9925



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.



121.2490, 29.4572, 25.2146



141.6910, 46.0013, 38.8590



129.2640, 20.0828, 45.3725



82.8200, 3.0467, 2.7889



46.7440, 52.3842, 44.9515



7.7480, 8.9982, 7.2370



# Inverse Universe

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



124.2480, 0.8637, 49.7715



146.5380, 1.2138, 77.5812



146.7360, -20.0828, -45.3725



83.1470, 0.4205, 5.1331



52.0170, 1.4706, 88.5621



8.8000, 0.0986, 15.0844



# Previews

## White Background



This preview shows how the YUV color 121.2490, 29.4572, 25.2146 looks on a white 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



# Black Background



This preview shows how the YUV color 121.2490, 29.4572, 25.2146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

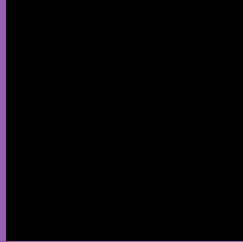
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.2490, 29.4572, 25.2146

## Background



This preview shows how black text looks on a background with the YUV color 121.2490, 29.4572, 25.2146.



This preview shows how white text looks on a background with the YUV color 121.2490, 29.4572,



# 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

121.2490, 29.4572, 25.2146

### Protanopia

115.0080, 41.4081, -28.0710

### Deuteranopia

116.0660, 30.0405, -21.9829



## Tritanopia

119.8820, -0.9278, 17.6435

# Trichromacy



## Original Color

121.2490, 29.4572, 25.2146

## Protanomaly

117.2770, 36.8384, -9.0129

## Deuteranomaly

117.7630, 29.6968, -5.0542

## Tritanomaly

120.7650, 9.9759, 20.3771

# Monochromacy



## Original Color

121.2490, 29.4572, 25.2146

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

121.5140, 10.5926, 9.1962

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.2490, 29.4572, 25.2146 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(150, 95, 181)` looks like.

```
.text, #text, p{  
    color:rgb(150, 95, 181)  
}
```

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(150, 95, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 95, 181) }
```

## Border

The CSS property to change the border of an element to YUV 121.2490, 29.4572, 25.2146 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(150, 95, 181) }
```



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

```
.border{ border-color:rgb(150, 95, 181) }
```

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

Here you see how a box with a 4 pixel rgb(150, 95, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 95, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 95, 181);  
box-shadow:4px 4px 4px 4px rgb(150, 95,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 121.2490, 29.4572, 25.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 95, 181) }
```

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

```
.background{ background-color: rgb(150, 95,  
181) }
```

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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