

# Converting Colors

YUV(122.4270, 2.7475, 52.2455)

Have a look what the booklet for  
YUV(122.4270, 2.7475, 52.2455)  
contains.

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# Color

**YUV(122.4270, 2.7475,  
52.2455)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B65B80
RGB	182, 91, 128
RGB Percent	71%, 36%, 50%
CMY	0.2863, 0.6431, 0.4980
CMYK	0.00, 0.50, 0.30, 0.29
HSL	336°, 38%, 54%
HSV	336°, 50%, 71%
XYZ	26.9288, 18.9858, 22.6674
YIQ	122.4270, 42.3590, 30.7990

# Conversions

## Conversions Part 2

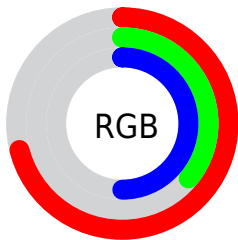
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 91, 128
Decimal	11950976
CIE Lab	50.67, 41.02, -3.59
CIE LCh	51, 41.178, 355.005
Yxy	18.9858, 0.3927, 0.2768
Android (android.graphics.Color)	4290141056 (0xFFB65B80)
YUV	122.4270, 2.7475, 52.2455
Hunter-Lab	43.5727, 34.0644, -0.3430

# Details

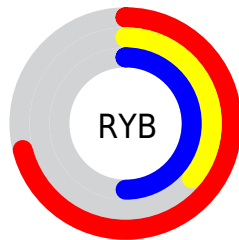
The YUV color **122.4270, 2.7475, 52.2455** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **150.5730, -2.7475, -52.2455**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9220, 2.0105, 55.3194**, and **70.1600, 4.3581, 48.9717** is the 20% darker color. If you saturate the color by 10%, you get **110.6070, 3.1517, 62.6117**, and if you desaturate by 10%, it is **134.2470, 2.3432, 41.8794**.

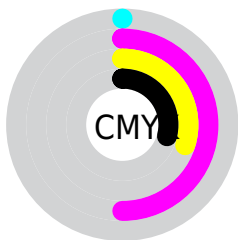
# Distribution



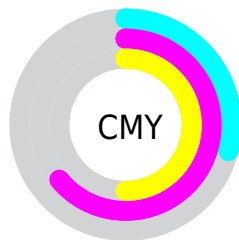
- Red (71%)
- Green (36%)
- Blue (50%)



- Red (71%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.4270, 2.7475, 52.2455 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 122.4270, 2.7475, 52.2455 by changing the saturation by 10% instead.




 122.4270, 2.7475,  
52.2455

 122.4270, 2.7475,  
52.2455

255.0000, 0.0000,  
0.0000

 95.9430, 3.4791,  
50.9160

 176.9220, 2.0105,  
55.3194

 70.1600, 4.3581,  
48.9717


 200.3340, 3.7793,  
47.9421


 41.2680, 7.2629,  
50.6310

 220.0760, 8.3435,  
30.6283

 25.8170, 4.5272,  
41.3795

 238.5640, 8.1029,  
14.4144

 16.7310, -1.8394,  
30.0539

 0.5980, -0.2948,  
1.2296

 0.0000, 0.0000,

0.0000

■ 122.4270, 2.7475,  
52.2455

■ 122.4270, 2.7475,  
52.2455

■ 110.6070, 3.1517,  
62.6117

■ 134.2470, 2.3432,  
41.8794

■ 98.7870, 3.5560,  
72.9778

■ 146.0670, 1.9390,  
31.5132

■ 86.4940, 4.6865,  
83.7588

■ 158.3600, 0.8085,  
20.7323

■ 74.6740, 5.0907,  
94.1249

■ 170.1800, 0.4043,  
10.3661

■ 62.8540, 5.4950,  
104.4910

■ 182.0000, 0.0000,  
0.0000

■ 193.8200, -0.4043,  
-10.3661

■ 205.6400, -0.8085,  
-20.7323

■ 217.9330, -1.9390,  
-31.5132

■ 229.7530, -2.3432,  
-41.8794

# Harmonies

## Analogous

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



124.2960, 18.0951, 29.5584



122.4270, 2.7475, 52.2455



120.8070, -13.7089, 57.1743

# Triad

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



122.4270, 2.7475, 52.2455



114.1930, -29.6751, -1.9233



98.8360, 38.5349, -86.6792

# Complementary

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



122.4270, 2.7475, 52.2455



150.5730, -2.7475, -52.2455

# 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.



97.9920, 25.1469, -85.9390



122.4270, 2.7475, 52.2455



107.9960, -14.2950, -35.0765

# Square

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



122.4270, 2.7475, 52.2455



117.8050, -34.4139, 24.7270



93.8880, 9.4222, -82.3398



104.8910, 41.9587, -64.8024



# Rectangle

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



122.4270, 2.7475, 52.2455



120.1300, -23.7281, 50.7520



93.8880, 9.4222, -82.3398



99.0980, 34.4617, -86.9089

# Sweetspot

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



122.4270, 2.7475, 52.2455



214.0610, 0.9559, 20.1175



117.2210, 31.9360, 23.4852



105.6040, 0.6882, 12.6253



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



122.4270, 2.7475, 52.2455



144.0700, 4.4025, 81.4996



122.9050, -15.7292, 51.8263



86.0330, -0.0163, 5.2331



53.8260, 4.5228, 89.6066



9.6260, 0.6774, 16.1140



# Inverse Universe

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



122.4270, 2.7475, 52.2455



144.0700, 4.4025, 81.4996



150.0950, 15.7292, -51.8263



86.0330, -0.0163, 5.2331



53.8260, 4.5228, 89.6066

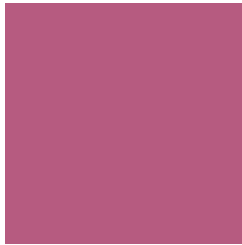


9.6260, 0.6774, 16.1140



# Previews

## White Background



This preview shows how the YUV color 122.4270, 2.7475, 52.2455 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 122.4270, 2.7475, 52.2455 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

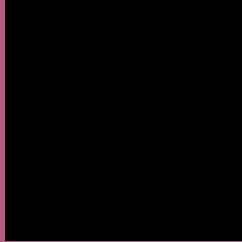
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.4270, 2.7475, 52.2455

## Background



This preview shows how black text looks on a background with the YUV color 122.4270, 2.7475, 52.2455.



This preview shows how white text looks on a background with the YUV color 122.4270, 2.7475,



# 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

122.4270, 2.7475, 52.2455

### Protanopia

121.4690, 12.0938, -5.6733

### Deuteranopia

122.2830, 0.8465, 8.5218



## Tritanopia

121.9140, -9.3246, 50.9414

# Trichromacy



## Original Color

122.4270, 2.7475, 52.2455

## Protanomaly

121.3900, 8.6817, 15.4440

## Deuteranomaly

122.4960, 1.2345, 24.1210

## Tritanomaly

122.0650, -4.9620, 51.6860

# Monochromacy



## Original Color

122.4270, 2.7475, 52.2455

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.3490, 0.8139, 18.9879

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.4270, 2.7475, 52.2455 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(182, 91, 128)` looks like.

```
.text, #text, p{  
    color:rgb(182, 91, 128)  
}
```

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(182, 91, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 91, 128) }
```

## Border

The CSS property to change the border of an element to YUV 122.4270, 2.7475, 52.2455 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(182, 91, 128) }
```



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

```
.border{ border-color:rgb(182, 91, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 91, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 91, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 91, 128);  
box-shadow:4px 4px 4px 4px rgb(182, 91,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 122.4270, 2.7475, 52.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 91, 128) }
```

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

```
.background{ background-color: rgb(182, 91,  
128) }
```

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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