

# Converting Colors

YUV(131.3110, 28.9337,  
53.2243)

Have a look what the booklet for  
YUV(131.3110, 28.9337, 53.2243)  
contains.

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# Color

**YUV(131.3110, 28.9337,  
53.2243)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C059BE
RGB	192, 89, 190
RGB Percent	75%, 35%, 75%
CMY	0.2471, 0.6510, 0.2549
CMYK	0.00, 0.54, 0.01, 0.25
HSL	301°, 45%, 55%
HSV	301°, 54%, 75%
XYZ	34.6049, 22.0689, 51.1510
YIQ	131.3110, 28.9670, 53.2470

# Conversions

## Conversions Part 2

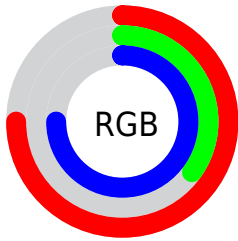
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 89, 190
Decimal	12605886
CIE <sub>Lab</sub>	54.10, 54.87, -34.61
CIE <sub>LCh</sub>	54, 64.878, 327.757
Yxy	22.0689, 0.3209, 0.2047
Android (android.graphics.Color)	4290795966 (0xFFC059BE)
YUV	131.3110, 28.9337, 53.2243
Hunter-Lab	46.9776, 49.2768, -31.6730

# Details

The YUV color **131.3110, 28.9337, 53.2243** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **149.6890, -28.9337, -53.2243**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8490, 29.6544, 55.3834**, and **74.9520, 30.0967, 53.5391** is the 20% darker color. If you saturate the color by 10%, you get **120.1580, 34.4321, 63.0054**, and if you desaturate by 10%, it is **142.4640, 23.4352, 43.4431**.

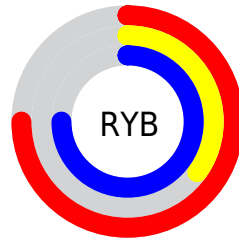
# Distribution



Red (75%)

Green (35%)

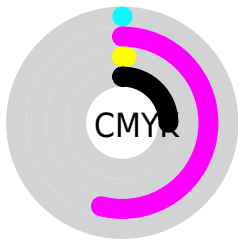
Blue (75%)



Red (75%)

Yellow (35%)

Blue (75%)

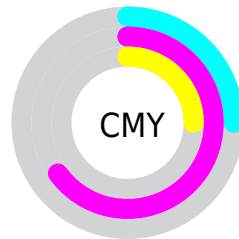


Cyan (0%)

Magenta (54%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (65%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 131.3110, 28.9337, 53.2243 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 131.3110, 28.9337, 53.2243 by changing the saturation by 10% instead.



131.3110, 28.9337,  
53.2243

131.3110, 28.9337,  
53.2243

255.0000, 0.0000,  
0.0000

104.0120, 29.0811,  
52.6095

186.8490, 29.6544,  
55.3834

74.9520, 30.0967,  
53.5391

205.6920, 24.3088,  
43.2431

45.1310, 31.9804,  
56.0131

222.7150, 15.9165,  
28.3139

34.3220, 25.4773,  
41.8136

239.1510, 7.8136,  
13.8996

24.1110, 18.6793,  
28.8437

13.7150, 12.4655,  
15.1589

2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,  
0.0000

■ 131.3110, 28.9337,  
53.2243

■ 131.3110, 28.9337,  
53.2243

■ 120.1580, 34.4321,  
63.0054

■ 142.4640, 23.4352,  
43.4431

■ 108.8910, 39.4937,  
72.8866

■ 153.7310, 18.3736,  
33.5619

■ 97.1510, 45.2816,  
83.1826

■ 165.4710, 12.5858,  
23.2659

■ 85.9980, 50.7800,  
92.9638

■ 176.6240, 7.0874,  
13.4848

■ 78.8400, 53.8159,  
99.2413

■ 187.8910, 2.0257,  
3.6036

■ 199.0440, -3.4727,  
-6.1776

■ 210.3110, -8.5343,  
-16.0587

■ 222.0510,  
-14.3221, -26.3547

■ 229.0950,  
-17.7948, -32.5323

# Harmonies

## Analogous

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



129.4800, 49.0634, -10.0680



131.3110, 28.9337, 53.2243



123.8690, 5.9806, 88.6919

# Triad

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



131.3110, 28.9337, 53.2243



120.9160, -59.6116, 33.3997



110.9180, 34.0574, -97.2751

# Complementary

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



131.3110, 28.9337, 53.2243



149.6890, -28.9337, -53.2243

# 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.



104.4200, 9.1599, -91.5763



131.3110, 28.9337, 53.2243



113.9770, -55.6977, -8.7498

# Square

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



131.3110, 28.9337, 53.2243



123.2790, -46.4795, 68.1613



95.5740, -14.5800, -83.8184



113.5860, 54.4341, -99.6149



# Rectangle

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



131.3110, 28.9337, 53.2243



121.7220, -11.2019, 93.2058



95.5740, -14.5800, -83.8184



109.4530, 25.9057, -95.9903

# Sweetspot

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



131.3110, 28.9337, 53.2243



226.4060, 11.1388, 20.6919



101.3400, 44.6954, -9.0682



110.7980, 6.5086, 12.4552



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.



131.3110, 28.9337, 53.2243



155.7380, 44.9922, 82.6678



125.4970, 6.6570, 58.3231



91.1300, 2.8939, 5.1480



66.1510, 45.2816, 83.1826



13.6290, 9.5499, 16.9884



# Inverse Universe

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



131.3110, 28.9337, 53.2243



155.7380, 44.9922, 82.6678



155.5030, -6.6570, -58.3231



91.1300, 2.8939, 5.1480



66.1510, 45.2816, 83.1826



13.6290, 9.5499, 16.9884



# Previews

## White Background



This preview shows how the YUV color 131.3110, 28.9337, 53.2243 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

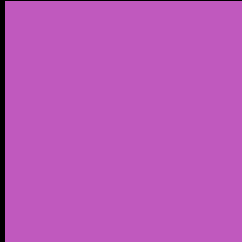
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 131.3110, 28.9337, 53.2243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

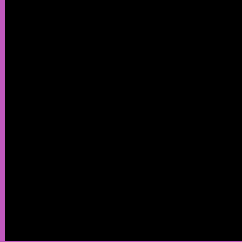
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 131.3110, 28.9337, 53.2243

## Background



This preview shows how black text looks on a background with the YUV color 131.3110, 28.9337, 53.2243.



This preview shows how white text looks on a background with the YUV color 131.3110, 28.9337, 53.2243.



# 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

131.3110, 28.9337, 53.2243

### Protanopia

126.2830, 47.6815, -33.5742

### Deuteranopia

129.1870, 26.5298, -15.9500



## Tritanopia

131.3370, -7.5611, 45.3085

# Trichromacy



## Original Color

131.3110, 28.9337, 53.2243



## Protanomaly

128.0590, 40.8899, -1.8057



## Deuteranomaly

129.9820, 27.6169, 8.7858



## Tritanomaly

131.2030, 5.8159, 48.0570

# Monochromacy



## Original Color

131.3110, 28.9337, 53.2243



## Achromatopsia

131.0000, 0.0000, 0.0000



## Achromatomaly

131.1670, 10.2707, 19.1475

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 131.3110, 28.9337, 53.2243 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(192, 89, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 89, 190)  
}
```

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(192, 89, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 89, 190) }
```

## Border

The CSS property to change the border of an element to YUV 131.3110, 28.9337, 53.2243 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(192, 89, 190) }
```



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

```
.border{ border-color:rgb(192, 89, 190) }
```

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

Here you see how a box with a 4 pixel rgb(192, 89, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 89, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 89, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 89,  
190) }
```

# Background

The CSS property to change the background color of an element to YUV 131.3110, 28.9337, 53.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 89, 190) }
```

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

```
.background{ background-color: rgb(192, 89,  
190) }
```

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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