

# Converting Colors

YUV(124.4300, 31.8330,  
56.6279)

Have a look what the booklet for  
YUV(124.4300, 31.8330, 56.6279)  
contains.

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# Color

**YUV(124.4300, 31.8330,  
56.6279)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD4FBD
RGB	189, 79, 189
RGB Percent	74%, 31%, 74%
CMY	0.2588, 0.6902, 0.2588
CMYK	0.00, 0.58, 0.00, 0.26
HSL	300°, 45%, 53%
HSV	300°, 58%, 74%
XYZ	32.9676, 20.0849, 50.2833
YIQ	124.4300, 30.2500, 57.5300

# Conversions

## Conversions Part 2

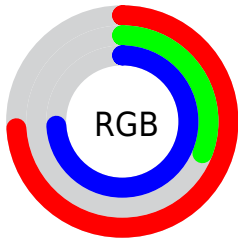
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 79, 189
Decimal	12406717
CIE <sub>Lab</sub>	51.93, 58.49, -37.47
CIE <sub>LCh</sub>	52, 69.461, 327.359
Yxy	20.0849, 0.3190, 0.1944
Android (android.graphics.Color)	4290596797 (0xFFBD4FBD)
YUV	124.4300, 31.8330, 56.6279
Hunter-Lab	44.8162, 52.8793, -35.1514

# Details

The YUV color **124.4300, 31.8330, 56.6279** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **143.5700, -31.8330, -56.6279**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8540, 32.1170, 58.8870**, and **63.9620, 35.0217, 60.5463** is the 20% darker color. If you saturate the color by 10%, you get **113.2770, 37.3314, 66.4091**, and if you desaturate by 10%, it is **135.5830, 26.3346, 46.8467**.

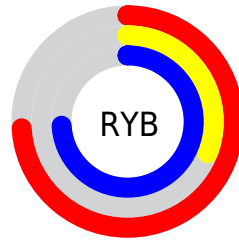
# Distribution



Red (74%)

Green (31%)

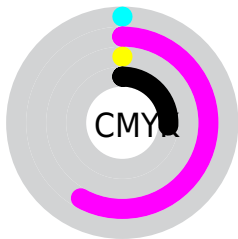
Blue (74%)



Red (74%)

Yellow (31%)

Blue (74%)

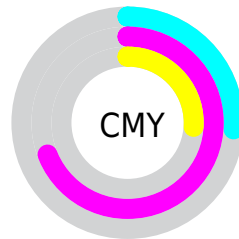


Cyan (0%)

Magenta (58%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (69%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.4300, 31.8330, 56.6279 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 124.4300, 31.8330, 56.6279 by changing the saturation by 10% instead.





 124.4300, 31.8330,  
56.6279


 124.4300, 31.8330,  
56.6279


255.0000, 0.0000,  
0.0000

 96.5440, 32.2698,  
56.5279


 180.8540, 32.1170,  
58.8870


 63.9620, 35.0217,  
60.5463


 200.4090, 26.9134,  
47.8763


 43.8210, 32.1332,  
53.6540


 216.8450, 18.8104,  
33.4619

 33.0120, 25.6301,  
39.4545

 233.8680, 10.4181,  
18.5328

 23.1000, 18.6847,  
27.0993

 250.8910, 2.0257,  
3.6036

 11.8070, 12.9131,  
11.5703

 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,  
0.0000

■ 124.4300, 31.8330,  
56.6279

■ 124.4300, 31.8330,  
56.6279

■ 113.2770, 37.3314,  
66.4091

■ 135.5830, 26.3346,  
46.8467

■ 102.1240, 42.8299,  
76.1903

■ 146.7360, 20.8362,  
37.0655

■ 90.9710, 48.3283,  
85.9714

■ 157.8890, 15.3377,  
27.2843

■ 79.8180, 53.8267,  
95.7526

■ 169.0420, 9.8393,  
17.5032

■ 78.0570, 54.6949,  
97.2970

■ 180.1950, 4.3409,  
7.7220

■ 190.7610, -0.8682,  
-1.5444

■ 201.9140, -6.3666,  
-11.3256

■ 213.0670,  
-11.8650, -21.1068

■ 224.2200,  
-17.3635, -30.8879

# Harmonies

## Analogous

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



122.8970, 53.2948, -13.9417



124.4300, 31.8330, 56.6279



113.7220, 9.0111, 96.7138

# Triad

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



124.4300, 31.8330, 56.6279



116.4860, -57.4276, 32.8998



108.2280, 33.9046, -94.9160

# Complementary

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



124.4300, 31.8330, 56.6279



143.5700, -31.8330, -56.6279

# 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.



101.3880, 7.6967, -88.9173



124.4300, 31.8330, 56.6279



108.5360, -53.5082, -10.9941

# Square

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



124.4300, 31.8330, 56.6279



115.6340, -51.5846, 72.2350



91.2710, -18.3746, -80.0447



110.6510, 55.8811, -97.0409



# Rectangle

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



124.4300, 31.8330, 56.6279



111.8200, -9.7713, 101.0129



91.2710, -18.3746, -80.0447



106.0620, 25.6054, -93.0164

# Sweetspot

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



124.4300, 31.8330, 56.6279



220.3460, 12.1544, 21.6216



91.5400, 48.0478, -10.9976



107.9120, 6.9454, 12.3552



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



124.4300, 31.8330, 56.6279



144.0360, 49.7753, 88.5454



118.1600, 7.8091, 62.1267



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588



# Inverse Universe

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



124.4300, 31.8330, 56.6279



144.0360, 49.7753, 88.5454



149.8400, -7.8091, -62.1267



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588



# Previews

## White Background



This preview shows how the YUV color 124.4300, 31.8330, 56.6279 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

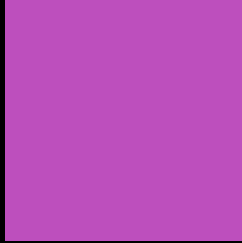
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.4300, 31.8330, 56.6279 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

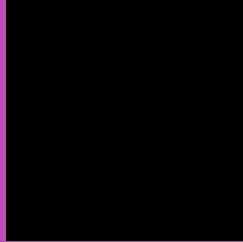
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.4300, 31.8330, 56.6279

## Background



This preview shows how black text looks on a background with the YUV color 124.4300, 31.8330, 56.6279.



This preview shows how white text looks on a background with the YUV color 124.4300, 31.8330,



# 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

124.4300, 31.8330, 56.6279

### Protanopia

118.4330, 53.5235, -40.7217

### Deuteranopia

123.0340, 28.5772, -19.3238



## Tritanopia

125.1200, -8.4402, 47.2528

# Trichromacy



## Original Color

124.4300, 31.8330, 56.6279



## Protanomaly

120.8890, 45.4107, -5.1647



## Deuteranomaly

123.5520, 29.8009, 8.2859



## Tritanomaly

124.9260, 5.9525, 50.9309

# Monochromacy



## Original Color

124.4300, 31.8330, 56.6279



## Achromatopsia

124.0000, 0.0000, 0.0000



## Achromatomaly

124.5200, 11.5756, 20.5920

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.4300, 31.8330, 56.6279 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(189, 79, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 79, 189)  
}
```

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(189, 79, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 79, 189) }
```

## Border

The CSS property to change the border of an element to YUV 124.4300, 31.8330, 56.6279 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(189, 79, 189) }
```



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

```
.border{ border-color:rgb(189, 79, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 79, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 79, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 79, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 79,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 124.4300, 31.8330, 56.6279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 79, 189) }
```

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

```
.background{ background-color: rgb(189, 79,  
189) }
```

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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