

# Converting Colors

YUV(123.2020, 51.1724,  
60.3358)

Have a look what the booklet for  
YUV(123.2020, 51.1724, 60.3358)  
contains.

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# Color

**YUV(123.2020, 51.1724,  
60.3358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C044E3
RGB	192, 68, 227
RGB Percent	75%, 27%, 89%
CMY	0.2471, 0.7333, 0.1098
CMYK	0.15, 0.70, 0.00, 0.11
HSL	287°, 74%, 58%
HSV	287°, 70%, 89%
XYZ	37.6705, 20.8868, 74.7191
YIQ	123.2020, 22.8650, 75.7370

# Conversions

## Conversions Part 2

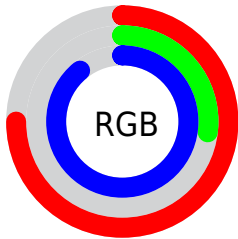
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 68, 227</a>
Decimal	<a href="#">12600547</a>
CIELab	<a href="#">52.83, 70.61, -57.74</a>
CIElCh	<a href="#">53, 91.218, 320.725</a>
Yxy	<a href="#">20.8868, 0.2826, 0.1567</a>
Android (android.graphics.Color)	<a href="#">4290790627 (0xFFC044E3)</a>
YUV	<a href="#">123.2020, 51.1724, 60.3358</a>
Hunter-Lab	<a href="#">45.7020, 67.1523, -64.9429</a>

# Details

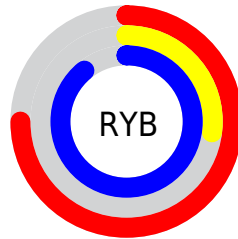
The YUV color **123.2020, 51.1724, 60.3358** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **171.7980, -51.1724, -60.3358**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3800, 37.7737, 64.5647**, and **59.5600, 54.9399, 65.2839** is the 20% darker color. If you saturate the color by 10%, you get **108.2060, 58.5654, 69.1023**, and if you desaturate by 10%, it is **138.1980, 43.7794, 51.5694**.

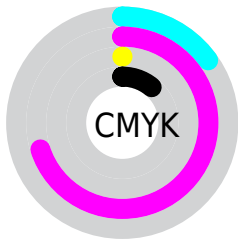
# Distribution



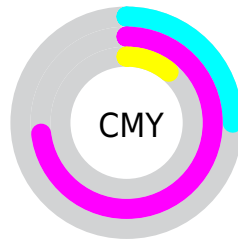
- Red (75%)
- Green (27%)
- Blue (89%)



- Red (75%)
- Yellow (27%)
- Blue (89%)



- Cyan (15%)
- Magenta (70%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (73%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.2020, 51.1724, 60.3358 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 123.2020, 51.1724, 60.3358 by changing the saturation by 10% instead.



123.2020, 51.1724,  
60.3358

123.2020, 51.1724,  
60.3358

255.0000, 0.0000,  
0.0000

91.9680, 52.7668,  
62.2951

178.3800, 37.7737,  
64.5647

59.5600, 54.9399,  
65.2839

195.7130, 29.2285,  
51.9947

48.1100, 47.2738,  
50.7695

212.7360, 20.8362,  
37.0655

36.3610, 39.7550,  
35.6404

229.7590, 12.4438,  
22.1364

25.4380, 32.8151,  
21.5409

247.3690, 3.7621,  
6.6924

12.4220, 26.9070,  
3.1379

6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 123.2020, 51.1724,  
60.3358

■ 123.2020, 51.1724,  
60.3358

■ 108.2060, 58.5654,  
69.1023

■ 138.1980, 43.7794,  
51.5694

■ 93.7970, 65.6691,  
77.3540

■ 152.6070, 36.6757,  
43.3177

■ 78.8010, 73.0621,  
86.1205

■ 167.6030, 29.2827,  
34.5512

■ 182.5990, 21.8897,  
25.7847

197.0080, 14.7861,  
17.5330

212.0040, 7.3930,  
8.7665

227.0000, 0.0000,  
0.0000

241.9960, -7.3930,  
-8.7665

246.4260, -9.5770,  
-8.2666

# Harmonies

## Analogous

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



97.7490, 77.5247, -85.7259



123.2020, 51.1724, 60.3358



91.7080, 30.7100, 137.0681

# Triad

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



123.2020, 51.1724, 60.3358



118.9440, -58.6394, 48.2841



113.2660, 32.8999, -99.3343

# Complementary

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



123.2020, 51.1724, 60.3358



171.7980, -51.1724, -60.3358

# 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.



102.7440, -2.3388, -90.1065



123.2020, 51.1724, 60.3358



111.5040, -54.9715, -8.3350

# Square

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



123.2020, 51.1724, 60.3358



110.1370, -54.2975, 102.4889



88.6370, -43.6980, -77.7346



119.2570, 63.4703, -104.5884



# Rectangle

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



123.2020, 51.1724, 60.3358



87.8730, 6.9646, 146.5704



88.6370, -43.6980, -77.7346



110.1880, 21.1063, -96.6349

# Sweetspot

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



123.2020, 51.1724, 60.3358



219.7140, 17.3960, 20.4218



107.8450, 58.7434, -34.9441



106.8240, 10.4398, 11.5554



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



123.2020, 51.1724, 60.3358



115.3290, 68.8578, 81.2725



128.8790, 27.6677, 86.0521



107.0590, 3.9149, 4.3333



61.9670, 57.6973, 67.5579



17.7740, 16.3804, 19.4922



# Inverse Universe

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



119.5310, -8.1498, 94.2503



110.3440, -11.0156, 126.8633



166.1210, -27.6677, -86.0521



106.9300, -0.4585, 7.0774



57.9670, -9.3507, 106.1459

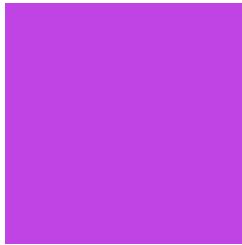


16.5030, -2.7130, 30.2539



# Previews

## White Background



This preview shows how the YUV color 123.2020, 51.1724, 60.3358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

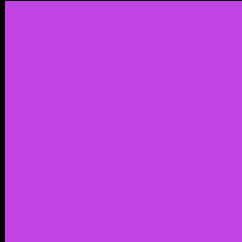
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 123.2020, 51.1724, 60.3358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

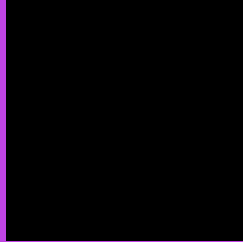
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 123.2020, 51.1724, 60.3358

## Background



This preview shows how black text looks on a background with the YUV color 123.2020, 51.1724, 60.3358.



This preview shows how white text looks on a background with the YUV color 123.2020, 51.1724,



# 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

123.2020, 51.1724, 60.3358

### Protanopia

109.0560, 71.9504, -71.0861

### Deuteranopia

117.2160, 49.1935, -51.9324



## Tritanopia

127.8420, -6.8241, 42.2346

# Trichromacy



## Original Color

123.2020, 51.1724, 60.3358



## Protanomaly

114.1160, 64.5258, -22.9037



## Deuteranomaly

119.4090, 50.0844, -10.8827



## Tritanomaly

126.0920, 14.2516, 49.0313

# Monochromacy



## Original Color

123.2020, 51.1724, 60.3358



## Achromatopsia

123.0000, 0.0000, 0.0000



## Achromatomaly

123.0670, 18.7010, 21.8662

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.2020, 51.1724, 60.3358 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, 68, 227)` looks like.

```
.text, #text, p{  
    color:rgb(192, 68, 227)  
}
```

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, 68, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 68, 227) }
```

## Border

The CSS property to change the border of an element to YUV 123.2020, 51.1724, 60.3358 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, 68, 227) }
```



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

```
.border{ border-color:rgb(192, 68, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 68, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 68, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 68, 227);  
box-shadow:4px 4px 4px 4px rgb(192, 68,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 123.2020, 51.1724, 60.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 68, 227) }
```

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

```
.background{ background-color: rgb(192, 68,  
227) }
```

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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