

# Converting Colors

YUV(101.5020, 55.9545,  
19.7307)

Have a look what the booklet for  
YUV(101.5020, 55.9545, 19.7307)  
contains.

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# Color

**YUV(101.5020, 55.9545,  
19.7307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C44D7
RGB	124, 68, 215
RGB Percent	49%, 27%, 84%
CMY	0.5137, 0.7333, 0.1569
CMYK	0.42, 0.68, 0.00, 0.16
HSL	263°, 65%, 55%
HSV	263°, 68%, 84%
XYZ	22.6450, 13.3256, 65.6686
YIQ	101.5020, -13.8110, 57.5890

# Conversions

## Conversions Part 2

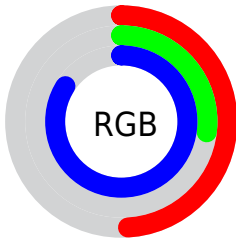
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 68, 215
Decimal	8144087
CIE <sub>Lab</sub>	43.25, 54.58, -66.82
CIE <sub>LCh</sub>	43, 86.280, 309.241
Yxy	13.3256, 0.2228, 0.1311
Android (android.graphics.Color)	4286334167 (0xFF7C44D7)
YUV	101.5020, 55.9545, 19.7307
Hunter-Lab	36.5043, 46.8481, -81.1054

# Details

The YUV color **101.5020, 55.9545, 19.7307** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **181.4980, -55.9545, -19.7307**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9280, 49.8285, 24.6191**, and **44.8930, 56.2548, 16.7568** is the 20% darker color. If you saturate the color by 10%, you get **84.7010, 64.2374, 23.0642**, and if you desaturate by 10%, it is **118.3030, 47.6716, 16.3973**.

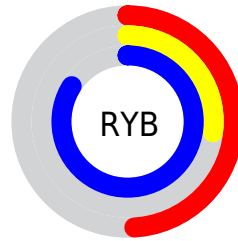
# Distribution



Red (49%)

Green (27%)

Blue (84%)



Red (49%)

Yellow (27%)

Blue (84%)

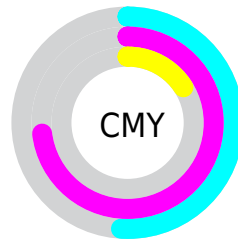


Cyan (42%)

Magenta (68%)

Yellow (0%)

Black (16%)



Cyan (51%)

Magenta (73%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.5020, 55.9545, 19.7307 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 101.5020, 55.9545, 19.7307 by changing the saturation by 10% instead.



101.5020, 55.9545,  
19.7307

101.5020, 55.9545,  
19.7307

255.0000, 0.0000,  
0.0000

74.3770, 55.5231,  
18.0864

153.9280, 49.8285,  
24.6191

44.8930, 56.2548,  
16.7568

178.7470, 37.5927,  
29.1629

23.1210, 53.6773,  
3.4019

203.5660, 25.3570,  
33.7066

12.0840, 46.3006,  
-10.5977

223.8890, 15.3377,  
27.2843

9.2340, 35.3806,  
-8.0982

240.9120, 6.9454,  
12.3552

9.4330, 23.4505,  
-8.2727

5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,  
-0.7998

■ 0.0000, 0.0000,  
0.0000

■ 101.5020, 55.9545,  
19.7307

■ 101.5020, 55.9545,  
19.7307

■ 84.7010, 64.2374,  
23.0642

■ 118.3030, 47.6716,  
16.3973

■ 68.1880, 72.3783,  
25.2681

■ 134.8160, 39.5307,  
14.1934

■ 51.9740, 80.3718,  
28.0868

■ 151.6170, 31.2478,  
10.8599

■ 49.0280, 81.8242,  
28.9164

■ 167.8310, 23.2543,  
8.0412

■ 184.9310, 14.8240,  
5.3225

■ 201.1450, 6.8305,  
2.5038

■ 217.9460, -1.4524,  
-0.8296

■ 234.1600, -9.4459,  
-3.6483

■ 247.1510,  
-15.8504, -2.7634

# Harmonies

## Analogous

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



90.3800, 77.2137, -79.2633



101.5020, 55.9545, 19.7307



77.0570, 37.9329, 106.9440

# Triad

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



101.5020, 55.9545, 19.7307



95.4090, -47.0366, 60.1543



90.3320, 16.1053, -79.2212

# Complementary

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



101.5020, 55.9545, 19.7307



181.4980, -55.9545, -19.7307

# 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.



79.7930, -16.6599, -69.9785



101.5020, 55.9545, 19.7307



94.2040, -46.4426, 9.4681

# Square

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



101.5020, 55.9545, 19.7307



69.8380, -30.4861, 118.5371



71.0270, -35.0163, -62.2907



98.1980, 46.2444, -86.1196



# Rectangle

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



101.5020, 55.9545, 19.7307



77.3800, 14.6027, 123.3237



71.0270, -35.0163, -62.2907



86.8950, 5.4748, -76.2069

# Sweetspot

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



101.5020, 55.9545, 19.7307



213.4350, 20.4915, 7.5115



139.3490, 37.2959, -62.5731



103.2360, 12.2087, 4.1780



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.



101.5020, 55.9545, 19.7307



93.7460, 79.4982, 28.2868



122.7310, 45.4886, 63.3799



98.4500, 4.2152, 1.3594



38.9290, 65.1110, 22.8643



9.9850, 16.2764, 6.1522



# Inverse Universe

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



122.3270, 18.0798, 81.2742



123.1970, 25.5389, 115.5912



160.2690, -45.4886, -63.3799



100.0870, 1.4361, 6.0627



63.2130, 21.0940, 94.5292

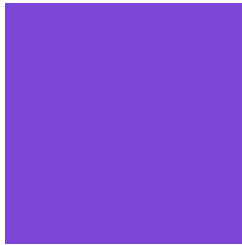


15.9350, 5.4550, 23.7360



# Previews

## White Background



This preview shows how the YUV color 101.5020, 55.9545, 19.7307 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

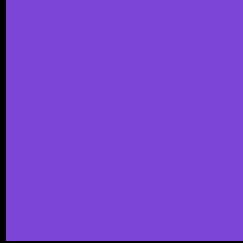
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.5020, 55.9545, 19.7307 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

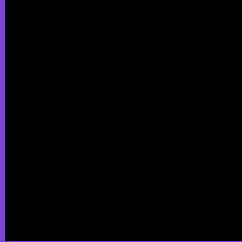
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.5020, 55.9545, 19.7307

## Background



This preview shows how black text looks on a background with the YUV color 101.5020, 55.9545, 19.7307.



This preview shows how white text looks on a background with the YUV color 101.5020, 55.9545, 19.7307.



# 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

101.5020, 55.9545, 19.7307

### Protanopia

81.8250, 62.2043, -71.7605

### Deuteranopia

82.2690, 48.6744, -72.1499



## Tritanopia

102.0150, 3.9366, -2.6442

# Trichromacy



## Original Color

101.5020, 55.9545, 19.7307



## Protanomaly

89.1650, 60.0647, -38.7327



## Deuteranomaly

89.4610, 51.0447, -38.9923



## Tritanomaly

101.9940, 22.6810, 5.2673

# Monochromacy



## Original Color

101.5020, 55.9545, 19.7307



## Achromatopsia

102.0000, 0.0000, 0.0000



## Achromatomaly

102.0220, 20.2022, 6.9967

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.5020, 55.9545, 19.7307 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(124, 68, 215)` looks like.

```
.text, #text, p{  
    color:rgb(124, 68, 215)  
}
```

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(124, 68, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 68, 215) }
```

## Border

The CSS property to change the border of an element to YUV 101.5020, 55.9545, 19.7307 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(124, 68, 215) }
```



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

```
.border{ border-color:rgb(124, 68, 215) }
```

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

Here you see how a box with a 4 pixel rgb(124, 68, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 68, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 68, 215);  
box-shadow:4px 4px 4px 4px rgb(124, 68,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 101.5020, 55.9545, 19.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 68, 215) }
```

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

```
.background{ background-color: rgb(124, 68,  
215) }
```

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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