

# Converting Colors

YUV(153.0120, 19.2211,  
88.5665)

Have a look what the booklet for  
YUV(153.0120, 19.2211, 88.5665)  
contains.

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# Color

**YUV(153.0120, 19.2211,  
88.5665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE5EC0
RGB	254, 94, 192
RGB Percent	100%, 37%, 75%
CMY	0.0039, 0.6314, 0.2471
CMYK	0.00, 0.63, 0.24, 0.00
HSL	323°, 99%, 68%
HSV	323°, 63%, 100%
XYZ	54.3902, 32.8820, 53.3494
YIQ	153.0120, 63.9020, 64.3980

# Conversions

## Conversions Part 2

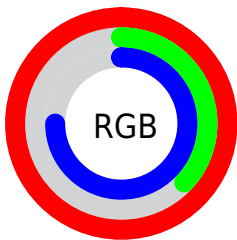
Format	Color
<a href="#">RYB</a>	<a href="#">254, 94, 192</a>
Decimal	<a href="#">16670400</a>
CIELab	<a href="#">64.07, 70.00, -19.63</a>
CIElCh	<a href="#">64, 72.702, 344.337</a>
Yxy	<a href="#">32.8820, 0.3868, 0.2338</a>
Android (android.graphics.Color)	<a href="#">4294860480 (0xFFFE5EC0)</a>
YUV	<a href="#">153.0120, 19.2211, 88.5665</a>
Hunter-Lab	<a href="#">57.3428, 68.9588, -15.0209</a>

# Details

The YUV color **153.0120, 19.2211, 88.5665** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **194.9880, -19.2211, -88.5665**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8550, 27.1865, 53.6242**, and **87.8260, 24.7358, 93.1146** is the 20% darker color. If you saturate the color by 10%, you get **137.1970, 22.0879, 102.4362**, and if you desaturate by 10%, it is **168.8270, 16.3543, 74.6967**.

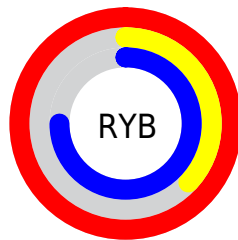
# Distribution



Red (100%)

Green (37%)

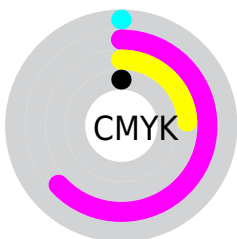
Blue (75%)



Red (100%)

Yellow (37%)

Blue (75%)

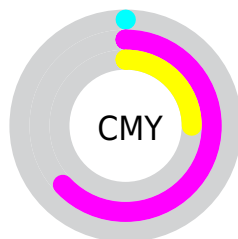


Cyan (0%)

Magenta (63%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (63%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 153.0120, 19.2211, 88.5665 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 153.0120, 19.2211, 88.5665 by changing the saturation by 10% instead.





 153.0120, 19.2211,  
88.5665


 153.0120, 19.2211,  
88.5665


255.0000, 0.0000,  
0.0000


 122.7670, 20.8209,  
88.7813


 193.8550, 27.1865,  
53.6242

 87.8260, 24.7358,  
93.1146


 212.1490, 21.1255,  
37.5803


 61.9180, 25.1834,  
89.5259

 229.1720, 12.7332,  
22.6512

 50.3970, 18.5383,  
74.1968

 246.7820, 4.0515,  
7.2072

 39.1040, 12.7667,  
58.6678

 28.1100, 6.8478,  
43.7535

 17.6430, 1.6550,

29.2541

■ 0.8970, -0.4422,  
1.8443

■ 0.0000, 0.0000,  
0.0000

■ 153.0120, 19.2211,  
88.5665

■ 153.0120, 19.2211,  
88.5665

■ 137.1970, 22.0879,  
102.4362

■ 168.8270, 16.3543,  
74.6967

■ 120.7950, 25.2441,  
116.8208

■ 185.2290, 13.1981,  
60.3122

■ 104.9800, 28.1109,  
130.6905

■ 201.0440, 10.3313,  
46.4424

■ 93.7300, 30.6991,  
140.5568

■ 217.3320, 6.7383,  
32.1578

■ 233.1470, 3.8715,  
18.2881

■ 248.9620, 1.0047,  
4.4183

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



159.4900, 44.1284, 32.8963



153.0120, 19.2211, 88.5665



142.3790, -7.5818, 98.7686

# Triad

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



153.0120, 19.2211, 88.5665



142.0370, -70.0242, 13.1226



134.7640, 54.3463, -118.1880

# Complementary

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



153.0120, 19.2211, 88.5665



194.9880, -19.2211, -88.5665

# 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.



129.7990, 27.7071, -113.8337



153.0120, 19.2211, 88.5665



133.2740, -39.5751, -46.7213

# Square

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



153.0120, 19.2211, 88.5665



145.8670, -71.9124, 58.8756



120.8730, -1.4164, -106.0056



130.0340, 61.6082, -114.0398



# Rectangle

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



153.0120, 19.2211, 88.5665



145.9230, -29.5420, 95.6605



120.8730, -1.4164, -106.0056



133.8860, 45.9052, -117.4180

# Sweetspot

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



153.0120, 19.2211, 88.5665



224.6580, 5.5916, 26.6099



130.4790, 60.8959, 21.5049



109.0220, 3.4402, 16.6437



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.



153.0120, 19.2211, 88.5665



132.5720, 23.3820, 107.3694



144.0060, -15.2860, 96.4647



119.7990, 1.5781, 7.1923



70.4470, 22.9506, 105.7250



23.5820, 7.6011, 35.4466



# Inverse Universe

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



153.0120, 19.2211, 88.5665



132.5720, 23.3820, 107.3694



203.9940, 15.2860, -96.4647



119.7990, 1.5781, 7.1923



70.4470, 22.9506, 105.7250



23.5820, 7.6011, 35.4466



# Previews

## White Background



This preview shows how the YUV color 153.0120, 19.2211, 88.5665 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

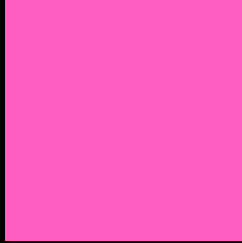
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.0120, 19.2211, 88.5665 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 ✓ Pass

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

# YUV 153.0120, 19.2211, 88.5665

## Background



This preview shows how black text looks on a background with the YUV color 153.0120, 19.2211, 88.5665.



This preview shows how white text looks on a background with the YUV color 153.0120, 19.2211, 88.5665.



# 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

153.0120, 19.2211, 88.5665

### Protanopia

154.6880, 40.0868, -24.2824

### Deuteranopia

157.0290, 12.8037, -0.0254



## Tritanopia

153.4620, -16.9898, 82.9098

# Trichromacy



## Original Color

153.0120, 19.2211, 88.5665



## Protanomaly

154.2910, 32.3945, 16.4078



## Deuteranomaly

155.5090, 15.0321, 32.0026



## Tritanomaly

153.0290, -3.4653, 85.0436

# Monochromacy



## Original Color

153.0120, 19.2211, 88.5665



## Achromatopsia

153.0000, 0.0000, 0.0000



## Achromatomaly

153.3320, 6.7383, 32.1578

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.0120, 19.2211, 88.5665 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(254, 94, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 94, 192)  
}
```

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(254, 94, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 94, 192) }
```

## Border

The CSS property to change the border of an element to YUV 153.0120, 19.2211, 88.5665 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(254, 94, 192) }
```



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

```
.border{ border-color:rgb(254, 94, 192) }
```

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

Here you see how a box with a 4 pixel rgb(254, 94, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 94, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 94, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 94,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 153.0120, 19.2211, 88.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 94, 192) }
```

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

```
.background{ background-color: rgb(254, 94,  
192) }
```

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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