

# Converting Colors

YUV(195.1420, 28.5240,  
44.6025)

Have a look what the booklet for  
YUV(195.1420, 28.5240, 44.6025)  
contains.

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# Color

**YUV(195.1420, 28.5240,  
44.6025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F69EFD
RGB	246, 158, 253
RGB Percent	96%, 62%, 99%
CMY	0.0353, 0.3804, 0.0078
CMYK	0.03, 0.38, 0.00, 0.01
HSL	296°, 96%, 81%
HSV	296°, 38%, 99%
XYZ	67.9625, 51.1384, 99.2172
YIQ	195.1420, 21.9530, 48.2010

# Conversions

## Conversions Part 2

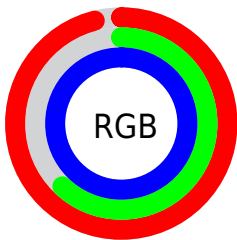
Format	Color
R <sub>Y</sub> B	246, 158, 253
Decimal	16162557
CIE Lab	76.76, 47.27, -33.96
CIE LCh	77, 58.205, 324.304
Yxy	51.1384, 0.3113, 0.2342
Android (android.graphics.Color)	4294352637 (0xFFFF69EFD)
YUV	195.1420, 28.5240, 44.6025
Hunter-Lab	71.5111, 44.4978, -32.2034

# Details

The YUV color **195.1420, 28.5240, 44.6025** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.8580, -28.5240, -44.6025**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **139.6040, 27.8032, 42.4433** is the 20% darker color. If you saturate the color by 10%, you get **179.8690, 36.0536, 56.2429**, and if you desaturate by 10%, it is **210.4150, 20.9944, 32.9620**.

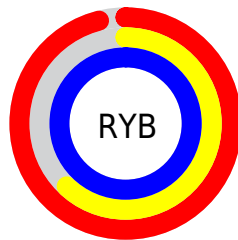
# Distribution



Red (96%)

Green (62%)

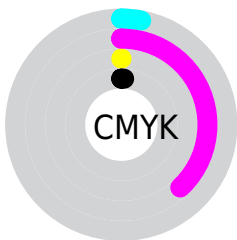
Blue (99%)



Red (96%)

Yellow (62%)

Blue (99%)

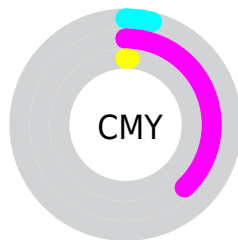


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (4%)

Magenta (38%)


Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 195.1420, 28.5240, 44.6025 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 195.1420, 28.5240, 44.6025 by changing the saturation by 10% instead.




 195.1420, 28.5240,  
44.6025

 195.1420, 28.5240,  
44.6025


255.0000, 0.0000,  
0.0000


 167.3160, 27.9452,  
43.5729


 230.9330, 11.8650,  
21.1068


 139.6040, 27.8032,  
42.4433

 247.9560, 3.4727,  
6.1776

 112.8920, 27.6612,  
41.3137

 86.4790, 27.3719,  
40.7989

 59.5930, 27.8087,  
40.6989

 34.2940, 27.9561,  
40.0842

 24.0830, 21.1581,

27.1142

■ 14.5840, 14.5021,  
15.2738

■ 3.0950, 9.3202,  
-2.7143

■ 195.1420, 28.5240,  
44.6025

■ 195.1420, 28.5240,  
44.6025

■ 179.8690, 36.0536,  
56.2429

■ 210.4150, 20.9944,  
32.9620

■ 164.0090, 43.8726,  
68.3981

■ 226.2750, 13.1754,  
20.8068

■ 148.7360, 51.4022,  
80.0385

■ 241.5480, 5.6458,  
9.1664

■ 133.7620, 58.7843,  
92.2937

■ 254.1740, -0.5788,  
-1.0296

■ 118.4890, 66.3139, 254.7720, -0.8736,  
103.9341 0.2000

■ 102.6290, 74.1329,  
116.0894

■ 98.8080, 76.0167,  
118.5634

# Harmonies

## Analogous

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



186.7670, 33.6389, -9.4427



195.1420, 28.5240, 44.6025



183.8010, 8.9721, 62.4415

# Triad

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



195.1420, 28.5240, 44.6025



184.7840, -52.6445, 38.7774



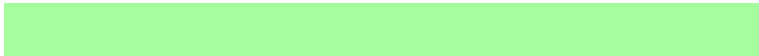
153.2400, 38.8287, -134.3915

# Complementary

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



195.1420, 28.5240, 44.6025



215.8580, -28.5240, -44.6025

# 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.



146.9700, 14.8048, -128.8927



195.1420, 28.5240, 44.6025



180.1270, -46.4046, -2.7424

# Square

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



195.1420, 28.5240, 44.6025



183.6680, -39.7693, 62.5582



170.5950, -22.9713, -52.2648



152.9270, 50.3220, -134.1170



# Rectangle

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



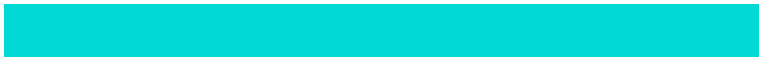
195.1420, 28.5240, 44.6025



179.6970, -6.7526, 66.0407



170.5950, -22.9713, -52.2648



151.7750, 30.6769, -133.1067

# Sweetspot

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



195.1420, 28.5240, 44.6025



237.9660, 8.3978, 13.1848



173.5260, 39.1807, -13.6163



117.4230, 5.2145, 7.5220



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.



195.1420, 28.5240, 44.6025



185.1030, 34.4592, 54.2837



192.6750, 10.0202, 52.9050



120.0700, 3.9095, 6.0776



74.6970, 57.3374, 89.7197



24.9370, 19.2581, 29.8733



# Inverse Universe

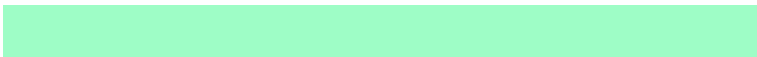
The Inverse Universe completely reimagines the original color for something new.



187.2030, -10.9461, 57.7040



175.4110, -13.0206, 69.7996



218.3250, -10.0202, -52.9050



119.0010, -1.4795, 7.8921



58.7050, -22.0396, 116.0227



19.7060, -7.2501, 38.8458



# Previews

## White Background



This preview shows how the YUV color 195.1420, 28.5240, 44.6025 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

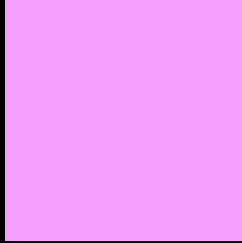
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.1420, 28.5240, 44.6025 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

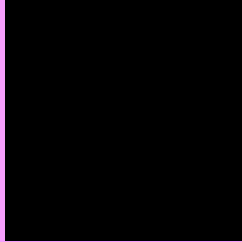
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 195.1420, 28.5240, 44.6025

## Background



This preview shows how black text looks on a background with the YUV color 195.1420, 28.5240, 44.6025.



This preview shows how white text looks on a background with the YUV color 195.1420, 28.5240,



# 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

195.1420, 28.5240, 44.6025

### Protanopia

190.2560, 31.9188, -17.7645

### Deuteranopia

190.9640, 28.1187, -12.2464



## Tritanopia

192.9170, -3.9031, 38.6608

# Trichromacy



## Original Color

195.1420, 28.5240, 44.6025



## Protanomaly

192.0570, 30.5379, 5.2120



## Deuteranomaly

192.2100, 28.4905, 8.5858



## Tritanomaly

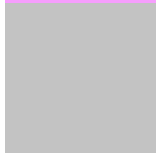
193.7290, 8.0216, 40.5797

# Monochromacy



## Original Color

195.1420, 28.5240, 44.6025



## Achromatopsia

195.0000, 0.0000, 0.0000



## Achromatomaly

195.4440, 10.1341, 16.2736

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.1420, 28.5240, 44.6025 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(246, 158, 253)` looks like.

```
.text, #text, p{  
    color:rgb(246, 158, 253)  
}
```

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(246, 158, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 158, 253) }
```

## Border

The CSS property to change the border of an element to YUV 195.1420, 28.5240, 44.6025 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(246, 158, 253) }
```



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

```
.border{ border-color:rgb(246, 158, 253) }
```

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

Here you see how a box with a 4 pixel rgb(246, 158, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 158, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 158, 253);  
box-shadow:4px 4px 4px 4px rgb(246, 158,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 195.1420, 28.5240, 44.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 158, 253) }
```

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

```
.background{ background-color: rgb(246,  
158, 253) }
```

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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