

# Converting Colors

YUV(162.4050, 29.8733,  
78.5748)

Have a look what the booklet for  
YUV(162.4050, 29.8733, 78.5748)  
contains.

<b>YUV(162.4050, 29.8733, 78.5748)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(162.4050, 29.8733,  
78.5748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC69DF
RGB	252, 105, 223
RGB Percent	99%, 41%, 87%
CMY	0.0118, 0.5882, 0.1255
CMYK	0.00, 0.58, 0.12, 0.01
HSL	312°, 96%, 70%
HSV	312°, 58%, 99%
XYZ	58.5157, 36.1263, 73.7010
YIQ	162.4050, 49.7340, 67.8620

# Conversions

## Conversions Part 2

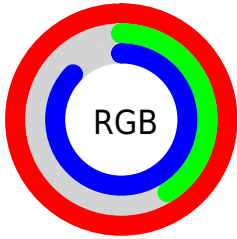
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 105, 223
Decimal	16542175
CIE Lab	66.62, 69.25, -33.16
CIE LCh	67, 76.778, 334.410
Yxy	36.1263, 0.3476, 0.2146
Android (android.graphics.Color)	4294732255 (0xFFFC69DF)
YUV	162.4050, 29.8733, 78.5748
Hunter-Lab	60.1052, 68.5957, -30.6278

# Details

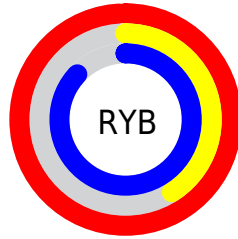
The YUV color **162.4050, 29.8733, 78.5748** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **194.5950, -29.8733, -78.5748**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9960, 26.6240, 47.3615**, and **101.1000, 32.4887, 79.7193** is the 20% darker color. If you saturate the color by 10%, you get **147.1600, 34.9241, 91.9447**, and if you desaturate by 10%, it is **177.6500, 24.8225, 65.2049**.

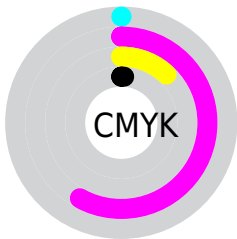
# Distribution



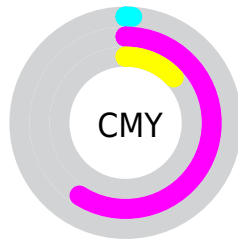
- Red (99%)
- Green (41%)
- Blue (87%)



- Red (99%)
- Yellow (41%)
- Blue (87%)



- Cyan (0%)
- Magenta (58%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (59%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 162.4050, 29.8733, 78.5748 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 162.4050, 29.8733, 78.5748 by changing the saturation by 10% instead.




 162.4050, 29.8733,  
78.5748


 162.4050, 29.8733,  
78.5748


255.0000, 0.0000,  
0.0000

 132.6330, 30.7469,  
78.3749


 200.9960, 26.6240,  
47.3615

 101.1000, 32.4887,  
79.7193

 218.0190, 18.2316,  
32.4323


 64.8110, 37.5612,  
86.1118

 235.0420, 9.8393,  
17.5032

 53.1760, 30.4792,  
70.8826

 252.6520, 1.1576,  
2.0592

 41.9540, 23.6867,  
56.1683

 31.1450, 17.1835,  
41.9688

 20.7490, 10.9697,

28.2841

■ 7.4770, 6.6668,  
8.3517

■ 0.0000, 0.0000,  
0.0000

■ 162.4050, 29.8733,  
78.5748

■ 162.4050, 29.8733,  
78.5748

■ 147.1600, 34.9241,  
91.9447

■ 177.6500, 24.8225,  
65.2049

■ 131.9150, 39.9749,  
105.3145

■ 192.8950, 19.7718,  
51.8351

■ 116.0830, 45.3151,  
119.1992

■ 208.7270, 14.4316,  
37.9504

■ 100.8380, 50.3659,  
132.5691

■ 223.9720, 9.3808,  
24.5806

■ 98.3760, 51.0866,  
134.7282

■ 239.2170, 4.3300,  
11.2107

■ 253.8750, -0.4314,  
-1.6444

■ 254.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



162.6890, 45.5093, 9.9197



162.4050, 29.8733, 78.5748



144.9840, 4.9379, 96.4840

# Triad

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



162.4050, 29.8733, 78.5748



150.4090, -74.1516, 30.3363



139.9500, 48.8317, -122.7361

# Complementary

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



162.4050, 29.8733, 78.5748



194.5950, -29.8733, -78.5748

# 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.



132.7850, 18.8400, -116.4524



162.4050, 29.8733, 78.5748



142.4110, -57.3906, -25.7934

# Square

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



162.4050, 29.8733, 78.5748



153.9860, -65.5621, 75.4343



122.2290, -11.4519, -107.1948



137.6650, 57.8462, -120.7322



# Rectangle

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



162.4050, 29.8733, 78.5748



144.4360, -17.4699, 96.9646



122.2290, -11.4519, -107.1948



138.0290, 38.9327, -121.0514

# Sweetspot

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



162.4050, 29.8733, 78.5748



226.9720, 9.3808, 24.5806



129.8310, 60.2293, 1.9022



110.2930, 5.7716, 15.5290



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.



162.4050, 29.8733, 78.5748



146.5240, 36.2237, 95.1335



154.3110, -1.1393, 85.6733



117.0270, 2.4517, 6.9923



73.7250, 38.0966, 101.0962



23.8250, 12.4113, 32.6025



# Inverse Universe

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



162.4050, 29.8733, 78.5748



146.5240, 36.2237, 95.1335



202.6890, 1.1393, -85.6733



117.0270, 2.4517, 6.9923



73.7250, 38.0966, 101.0962



23.8250, 12.4113, 32.6025



# Previews

## White Background



This preview shows how the YUV color 162.4050, 29.8733, 78.5748 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

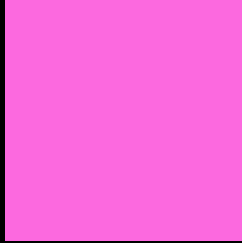
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 162.4050, 29.8733, 78.5748 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 162.4050, 29.8733, 78.5748

## Background



This preview shows how black text looks on a background with the YUV color 162.4050, 29.8733, 78.5748.



This preview shows how white text looks on a background with the YUV color 162.4050, 29.8733,



# 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

162.4050, 29.8733, 78.5748

### Protanopia

160.0770, 46.7970, -29.8855

### Deuteranopia

163.1660, 25.0612, -11.5466



## Tritanopia

162.7100, -13.1680, 70.4143

# Trichromacy



## Original Color

162.4050, 29.8733, 78.5748



## Protanomaly

160.7230, 40.5626, 9.8899



## Deuteranomaly

162.8310, 26.7053, 21.1962



## Tritanomaly

162.5590, 2.6824, 73.1778

# Monochromacy



## Original Color

162.4050, 29.8733, 78.5748



## Achromatopsia

162.0000, 0.0000, 0.0000



## Achromatomaly

162.0480, 10.8223, 28.8989

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 162.4050, 29.8733, 78.5748 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(252, 105, 223)` looks like.

```
.text, #text, p{  
    color:rgb(252, 105, 223)  
}
```

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(252, 105, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 105, 223) }
```

## Border

The CSS property to change the border of an element to YUV 162.4050, 29.8733, 78.5748 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(252, 105, 223) }
```



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

```
.border{ border-color:rgb(252, 105, 223) }
```

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

Here you see how a box with a 4 pixel rgb(252, 105, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 105, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 105, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 105,  
223) }
```

# Background

The CSS property to change the background color of an element to YUV 162.4050, 29.8733, 78.5748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 105, 223) }
```

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

```
.background{ background-color: rgb(252,  
105, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor