

# Converting Colors

YUV(152.1120, 27.5528,  
76.2008)

Have a look what the booklet for  
YUV(152.1120, 27.5528, 76.2008)  
contains.

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# Color

**YUV(152.1120, 27.5528,  
76.2008)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF61D0
RGB	239, 97, 208
RGB Percent	94%, 38%, 82%
CMY	0.0627, 0.6196, 0.1843
CMYK	0.00, 0.59, 0.13, 0.06
HSL	313°, 82%, 66%
HSV	313°, 59%, 94%
XYZ	51.2565, 31.4542, 63.0443
YIQ	152.1120, 49.0010, 64.6250

# Conversions

## Conversions Part 2

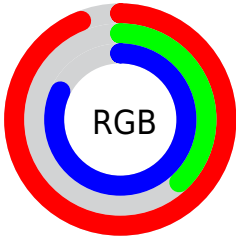
Format	Color
R <sub>Y</sub> B	239, 97, 208
Decimal	15688144
CIE Lab	62.89, 66.94, -30.68
CIE LCh	63, 73.637, 335.377
Yxy	31.4542, 0.3517, 0.2158
Android (android.graphics.Color)	4293878224 (0xFFEF61D0)
YUV	152.1120, 27.5528, 76.2008
Hunter-Lab	56.0840, 64.9882, -27.3893

# Details

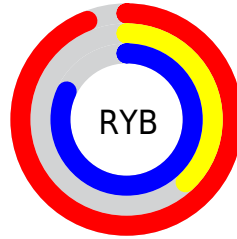
The YUV color **152.1120, 27.5528, 76.2008** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **183.8880, -27.5528, -76.2008**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 29.2285, 51.9947**, and **90.6330, 30.7469, 78.3749** is the 20% darker color. If you saturate the color by 10%, you get **137.4540, 32.3142, 89.0558**, and if you desaturate by 10%, it is **166.7700, 22.7914, 63.3457**.

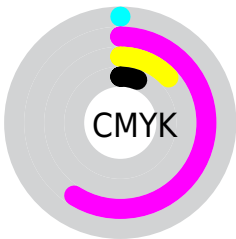
# Distribution



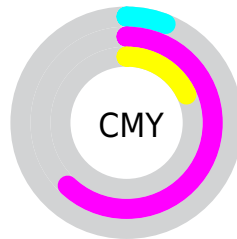
- Red (94%)
- Green (38%)
- Blue (82%)



- Red (94%)
- Yellow (38%)
- Blue (82%)



- Cyan (0%)
- Magenta (59%)
- Yellow (13%)
- Black (6%)




- Cyan (6%)
- Magenta (62%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 152.1120, 27.5528, 76.2008 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 152.1120, 27.5528, 76.2008 by changing the saturation by 10% instead.





 152.1120, 27.5528,  
76.2008


 152.1120, 27.5528,  
76.2008


255.0000, 0.0000,  
0.0000


 122.3400, 28.4264,  
76.0008


 195.7130, 29.2285,  
51.9947

 90.6330, 30.7469,  
78.3749


 212.7360, 20.8362,  
37.0655


 59.6270, 33.2149,  
80.1341

 229.7590, 12.4438,  
22.1364

 48.4050, 26.4223,  
65.4198

 247.3690, 3.7621,  
6.6924

 37.1830, 19.6298,  
50.7055

 26.4880, 13.5634,  
36.4060

 15.9070, 7.9338,

22.0066

■ 0.3420, 1.3104,  
-0.2999

■ 0.0000, 0.0000,  
0.0000

■ 152.1120, 27.5528,  
76.2008

■ 152.1120, 27.5528,  
76.2008

■ 137.4540, 32.3142,  
89.0558

■ 166.7700, 22.7914,  
63.3457

■ 122.7960, 37.0756,  
101.9109

■ 181.4280, 18.0300,  
50.4906

■ 108.0240, 41.4002,  
114.8660

■ 196.2000, 13.7054,  
37.5356

■ 93.3660, 46.1616,  
127.7210

■ 210.8580, 8.9440,  
24.6805

92.7790, 46.4510,  
128.2358

224.9290, 4.4720,  
12.3403

239.5870, -0.2894,  
-0.5148

249.0760, -2.0095,  
-8.8367

249.6460, 0.1745,  
-9.3365

250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



154.7260, 49.4351, 10.7643



152.1120, 27.5528, 76.2008



140.0940, 1.4327, 100.7726

# Triad

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



152.1120, 27.5528, 76.2008



141.2390, -69.6308, 26.9774



132.1250, 46.7734, -115.8736

# Complementary

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



152.1120, 27.5528, 76.2008



183.8880, -27.5528, -76.2008

# 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.



125.4160, 18.5289, -109.9898



152.1120, 27.5528, 76.2008



132.9640, -52.7333, -26.2784

# Square

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



152.1120, 27.5528, 76.2008



144.1210, -63.6567, 70.9309



115.2020, -10.4526, -101.0322



130.6210, 61.3188, -114.5546



# Rectangle

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



152.1120, 27.5528, 76.2008



140.4750, -19.9542, 100.4384



115.2020, -10.4526, -101.0322



130.4320, 37.7480, -114.3889

# Sweetspot

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



152.1120, 27.5528, 76.2008



226.8580, 8.9440, 24.6805



122.4570, 57.4557, 4.8612



110.1790, 5.3348, 15.6290



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.



152.1120, 27.5528, 76.2008



144.1930, 34.9079, 97.1777



144.0180, -3.4599, 83.2992



112.6140, 2.1623, 6.4775



71.4320, 35.7760, 98.7221



21.7600, 10.9643, 30.0285



# Inverse Universe

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



152.1120, 27.5528, 76.2008



144.1930, 34.9079, 97.1777



191.9820, 3.4599, -83.2992



112.6140, 2.1623, 6.4775



71.4320, 35.7760, 98.7221

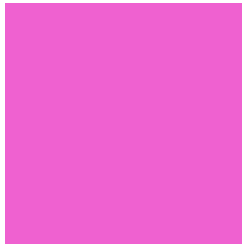


21.7600, 10.9643, 30.0285



# Previews

## White Background



This preview shows how the YUV color 152.1120, 27.5528, 76.2008 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

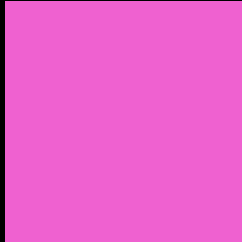
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.1120, 27.5528, 76.2008 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 152.1120, 27.5528, 76.2008

## Background



This preview shows how black text looks on a background with the YUV color 152.1120, 27.5528, 76.2008.



This preview shows how white text looks on a background with the YUV color 152.1120, 27.5528,



# 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

152.1120, 27.5528, 76.2008

### Protanopia

149.4510, 49.5707, -32.8445

### Deuteranopia

153.1940, 22.5824, -9.8171



## Tritanopia

152.6990, -13.1626, 68.6700

# Trichromacy



## Original Color

152.1120, 27.5528, 76.2008



## Protanomaly

150.3420, 41.7364, 6.7161



## Deuteranomaly

152.8480, 24.2319, 21.1813



## Tritanomaly

152.3200, 1.8142, 71.6334

# Monochromacy



## Original Color

152.1120, 27.5528, 76.2008



## Achromatopsia

152.0000, 0.0000, 0.0000



## Achromatomaly

152.1080, 9.8068, 27.9693

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.1120, 27.5528, 76.2008 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(239, 97, 208)` looks like.

```
.text, #text, p{  
    color:rgb(239, 97, 208)  
}
```

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(239, 97, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 97, 208) }
```

## Border

The CSS property to change the border of an element to YUV 152.1120, 27.5528, 76.2008 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(239, 97, 208) }
```



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

```
.border{ border-color:rgb(239, 97, 208) }
```

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

Here you see how a box with a 4 pixel rgb(239, 97, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 97, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 97, 208);  
box-shadow:4px 4px 4px 4px rgb(239, 97,  
208) }
```

# Background

The CSS property to change the background color of an element to YUV 152.1120, 27.5528, 76.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 97, 208) }
```

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

```
.background{ background-color: rgb(239, 97,  
208) }
```

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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