

# Converting Colors

YUV(152.6690, 39.6032,  
84.4823)

Have a look what the booklet for  
YUV(152.6690, 39.6032, 84.4823)  
contains.

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# Color

**YUV(152.6690, 39.6032,  
84.4823)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F958E9
RGB	249, 88, 233
RGB Percent	98%, 35%, 91%
CMY	0.0235, 0.6549, 0.0863
CMYK	0.00, 0.65, 0.06, 0.02
HSL	306°, 93%, 66%
HSV	306°, 65%, 98%
XYZ	57.2646, 33.0024, 80.4427
YIQ	152.6690, 49.4110, 79.2270

# Conversions

## Conversions Part 2

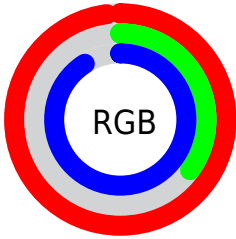
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 88, 233
Decimal	16341225
CIE Lab	64.16, 76.77, -42.59
CIE LCh	64, 87.792, 330.979
Yxy	33.0024, 0.3355, 0.1933
Android (android.graphics.Color)	4294531305 (0xFFFF958E9)
YUV	152.6690, 39.6032, 84.4823
Hunter-Lab	57.4477, 77.3977, -42.8091

# Details

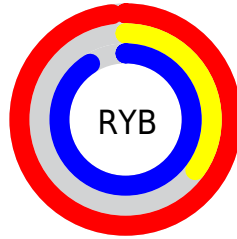
The YUV color **152.6690, 39.6032, 84.4823** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **184.3310, -39.6032, -84.4823**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1910, 30.9648, 55.0835**, and **76.6890, 49.4533, 98.4967** is the 20% darker color. If you saturate the color by 10%, you get **137.7660, 45.9644, 97.5522**, and if you desaturate by 10%, it is **167.5720, 33.2420, 71.4124**.

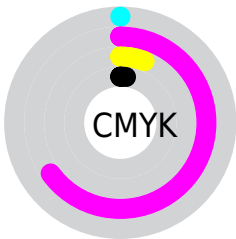
# Distribution



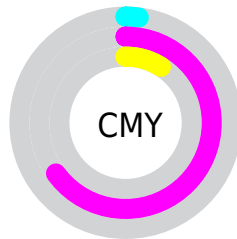
- Red (98%)
- Green (35%)
- Blue (91%)



- Red (98%)
- Yellow (35%)
- Blue (91%)



- Cyan (0%)
- Magenta (65%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (65%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.6690, 39.6032, 84.4823 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 152.6690, 39.6032, 84.4823 by changing the saturation by 10% instead.





 152.6690, 39.6032,  
84.4823


 152.6690, 39.6032,  
84.4823

255.0000, 0.0000,  
0.0000


 121.1360, 41.3450,  
85.8267


 192.1910, 30.9648,  
55.0835


 76.6890, 49.4533,  
98.4967


 209.2140, 22.5725,  
40.1543


 64.9400, 41.9346,  
83.3676

 226.8240, 13.8908,  
24.7104

 53.1910, 34.4158,  
68.2385

 244.4340, 5.2090,  
9.2664

 41.6700, 27.7707,  
52.9094

 30.7470, 20.8307,  
38.8099

 19.7530, 14.9118,

23.8956

■ 4.6870, 11.4933,  
0.2745

■ 0.0000, 0.0000,  
0.0000

■ 152.6690, 39.6032,  
84.4823

■ 152.6690, 39.6032,  
84.4823

■ 137.7660, 45.9644,  
97.5522

■ 167.5720, 33.2420,  
71.4124

■ 122.7490, 51.8887,  
110.7221

■ 182.5890, 27.3176,  
58.2424

■ 107.8460, 58.2499,  
123.7921

■ 197.4920, 20.9564,  
45.1725

■ 99.9870, 61.1384,  
130.6844

■ 212.5090, 15.0321,  
32.0026

226.8250, 8.9603,  
19.4475

241.8420, 3.0359,  
6.2776

252.6360, -1.2995,  
-3.1888

252.9780, 0.0108,  
-3.4887

253.2060, 0.8844,  
-3.6887

# Harmonies

## Analogous

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



151.6920, 50.9308, -2.3609



152.6690, 39.6032, 84.4823



124.5530, 15.5034, 114.4020

# Triad

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



152.6690, 39.6032, 84.4823



145.1260, -71.5471, 34.9695



137.7330, 47.9526, -120.7918

# Complementary

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



152.6690, 39.6032, 84.4823



184.3310, -39.6032, -84.4823

# 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.



128.7270, 13.4456, -112.8936



152.6690, 39.6032, 84.4823



133.8320, -65.9792, -24.4087

# Square

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



152.6690, 39.6032, 84.4823



144.5810, -71.2784, 88.9445



116.3300, -21.3617, -102.0214



135.9040, 58.7143, -119.1878



# Rectangle

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



152.6690, 39.6032, 84.4823



125.1960, -9.9566, 113.8381



116.3300, -21.3617, -102.0214



134.8830, 37.0327, -118.2924

# Sweetspot

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



152.6690, 39.6032, 84.4823



226.2540, 11.7068, 25.2102



110.2410, 68.4082, -8.1044



110.0480, 7.3713, 15.7439



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.



152.6690, 39.6032, 84.4823



135.9070, 48.8528, 104.4446



143.7770, 5.5329, 92.2806



117.2550, 3.3253, 6.7924



75.8910, 46.3957, 99.1966



24.5090, 15.0321, 32.0026



# Inverse Universe

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



152.6690, 39.6032, 84.4823



135.9070, 48.8528, 104.4446



193.2230, -5.5329, -92.2806



117.2550, 3.3253, 6.7924



75.8910, 46.3957, 99.1966



24.5090, 15.0321, 32.0026



# Previews

## White Background



This preview shows how the YUV color 152.6690, 39.6032, 84.4823 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

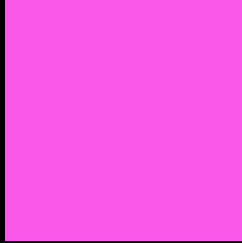
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.6690, 39.6032, 84.4823 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

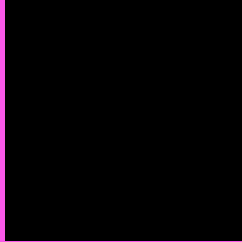
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.6690, 39.6032, 84.4823

## Background



This preview shows how black text looks on a background with the YUV color 152.6690, 39.6032, 84.4823.



This preview shows how white text looks on a background with the YUV color 152.6690, 39.6032, 84.4823.



# 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

152.6690, 39.6032, 84.4823

### Protanopia

152.6680, 50.4497, -34.7888

### Deuteranopia

154.5760, 33.2400, -21.5532



## Tritanopia

155.4930, -14.0470, 72.3586

# Trichromacy



## Original Color

152.6690, 39.6032, 84.4823



## Protanomaly

152.3190, 46.6777, 8.4902



## Deuteranomaly

153.8010, 35.5941, 16.8375



## Tritanomaly

154.6780, 5.5817, 76.5814

# Monochromacy



## Original Color

152.6690, 39.6032, 84.4823



## Achromatopsia

153.0000, 0.0000, 0.0000



## Achromatomaly

152.6830, 14.4533, 30.9730

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.6690, 39.6032, 84.4823 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(249, 88, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 88, 233)  
}
```

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(249, 88, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 88, 233) }
```

## Border

The CSS property to change the border of an element to YUV 152.6690, 39.6032, 84.4823 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(249, 88, 233) }
```



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

```
.border{ border-color:rgb(249, 88, 233) }
```

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

Here you see how a box with a 4 pixel rgb(249, 88, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 88, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 88, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 88,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 152.6690, 39.6032, 84.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 88, 233) }
```

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

```
.background{ background-color: rgb(249, 88,  
233) }
```

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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