

Converting Colors

YUV(152.5440, 39.1718,
82.8379)

Have a look what the booklet for
YUV(152.5440, 39.1718, 82.8379)
contains.

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Color

**YUV(152.5440, 39.1718,
82.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	F759E8
RGB	247, 89, 232
RGB Percent	97%, 35%, 91%
CMY	0.0314, 0.6510, 0.0902
CMYK	0.00, 0.64, 0.06, 0.03
HSL	306°, 91%, 66%
HSV	306°, 64%, 97%
XYZ	56.4956, 32.7451, 79.6867
YIQ	152.5440, 48.2650, 77.9690

Conversions

Conversions Part 2

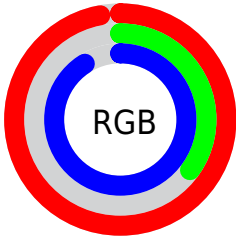
Format	Color
R _{YB}	247, 89, 232
Decimal	16210408
CIE _{Lab}	63.95, 75.77, -42.38
CIE _{LCh}	64, 86.818, 330.779
Yxy	32.7451, 0.3344, 0.1938
Android (android.graphics.Color)	4294400488 (0xFFFF759E8)
YUV	152.5440, 39.1718, 82.8379
Hunter-Lab	57.2233, 76.0892, -42.5083

Details

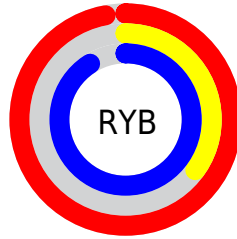
The YUV color **152.5440, 39.1718, 82.8379** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **183.4560, -39.1718, -82.8379**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1910, 30.9648, 55.0835**, and **78.9120, 47.8644, 94.7932** is the 20% darker color. If you saturate the color by 10%, you get **137.6410, 45.5330, 95.9078**, and if you desaturate by 10%, it is **167.4470, 32.8106, 69.7680**.

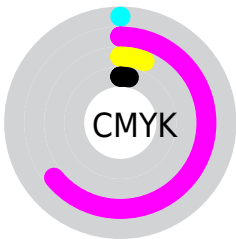
Distribution



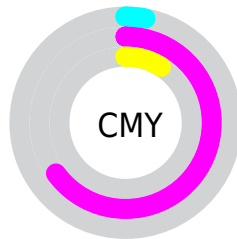
- Red (97%)
- Green (35%)
- Blue (91%)



- Red (97%)
- Yellow (35%)
- Blue (91%)



- Cyan (0%)
- Magenta (64%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (65%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 152.5440, 39.1718, 82.8379 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 152.5440, 39.1718, 82.8379 by changing the saturation by 10% instead.


 152.5440, 39.1718,
82.8379


 152.5440, 39.1718,
82.8379


255.0000, 0.0000,
0.0000


 121.0110, 40.9136,
84.1824


 192.1910, 30.9648,
55.0835


 78.9120, 47.8644,
94.7932


 209.8010, 22.2831,
39.6395


 64.2280, 41.7926,
82.2380

 226.8240, 13.8908,
24.7104

 52.4790, 34.2739,
67.1089

 244.4340, 5.2090,
9.2664

 41.2570, 27.4813,
52.3946

 30.1490, 21.1255,
37.5803

 19.3400, 14.6224,

23.3808

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

■ 152.5440, 39.1718,
82.8379

■ 152.5440, 39.1718,
82.8379

■ 137.6410, 45.5330,
95.9078

■ 167.4470, 32.8106,
69.7680

■ 123.2110, 51.1680,
108.5630

■ 181.8770, 27.1756,
57.1129

■ 108.3080, 57.5292,
121.6329

■ 196.7800, 20.8145,
44.0429

■ 99.3890, 61.4332,
129.4548

■ 211.6830, 14.4533,
30.9730

226.1130, 8.8183,
18.3179

241.0160, 2.4571,
5.2480

251.8100, -1.8783,
-4.2184

252.1520, -0.5679,
-4.5183

252.3800, 0.3057,
-4.7183

Harmonies

Analogous

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



151.3930, 51.0783, -2.9757



152.5440, 39.1718, 82.8379



125.7270, 14.9246, 113.3724

Triad

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



152.5440, 39.1718, 82.8379



145.1260, -71.5471, 34.9695



136.9180, 47.3684, -120.0771

Complementary

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



152.5440, 39.1718, 82.8379



183.4560, -39.1718, -82.8379

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.



128.0260, 13.2982, -112.2788



152.5440, 39.1718, 82.8379



133.5440, -65.8372, -23.2791

Square

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



152.5440, 39.1718, 82.8379



143.3960, -70.6942, 88.2297



115.7430, -21.0723, -101.5066



135.9040, 58.7143, -119.1878

Rectangle

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



152.5440, 39.1718, 82.8379



126.3700, -10.5354, 112.8085



115.7430, -21.0723, -101.5066



134.6550, 36.1591, -118.0924

Sweetspot

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



152.5440, 39.1718, 82.8379



226.2540, 11.7068, 25.2102



110.8990, 67.0978, -7.8044



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.



152.5440, 39.1718, 82.8379



137.7820, 48.4215, 102.8002



143.7660, 5.5384, 90.5362



114.8420, 3.0359, 6.2776



74.7660, 45.9644, 97.5522



23.6830, 14.4533, 30.9730

Inverse Universe

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



152.5440, 39.1718, 82.8379



137.7820, 48.4215, 102.8002



192.2340, -5.5384, -90.5362



114.8420, 3.0359, 6.2776



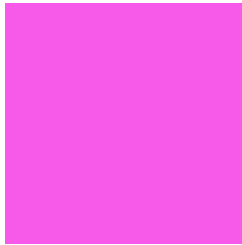
74.7660, 45.9644, 97.5522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 152.5440, 39.1718, 82.8379 looks on a white background.

Color Contrast Check

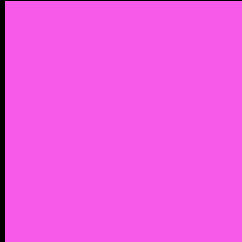
Large Text (above 18pt) WCAG AA × Fail

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 152.5440, 39.1718, 82.8379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

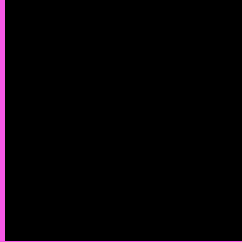
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.5440, 39.1718, 82.8379

Background



This preview shows how black text looks on a background with the YUV color 152.5440, 39.1718, 82.8379.



This preview shows how white text looks on a background with the YUV color 152.5440, 39.1718, 82.8379.

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

152.5440, 39.1718, 82.8379

Protanopia

151.7820, 50.8865, -34.8888

Deuteranopia

154.5760, 33.2400, -21.5532



Tritanopia

155.0090, -13.3154, 71.0291

Trichromacy



Original Color

152.5440, 39.1718, 82.8379



Protanomaly

152.0200, 46.8251, 7.8755



Deuteranomaly

153.8010, 35.5941, 16.8375



Tritanomaly

154.0800, 5.8766, 75.3518

Monochromacy



Original Color

152.5440, 39.1718, 82.8379



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.9710, 14.3113, 29.8434

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5440, 39.1718, 82.8379 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(247, 89, 232)` looks like.

```
.text, #text, p{  
    color:rgb(247, 89, 232)  
}
```

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(247, 89, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 89, 232) }
```

Border

The CSS property to change the border of an element to YUV 152.5440, 39.1718, 82.8379 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(247, 89, 232) }
```


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

```
.border{ border-color:rgb(247, 89, 232) }
```

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

Here you see how a box with a 4 pixel rgb(247, 89, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 89, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 89, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 89,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 152.5440, 39.1718, 82.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 89, 232) }
```

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

```
.background{ background-color: rgb(247, 89,  
232) }
```

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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