

Converting Colors

YUV(155.9120, 44.4134,
81.6382)

Have a look what the booklet for
YUV(155.9120, 44.4134, 81.6382)
contains.

YUV(155.9120, 44.4134, 81.6382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(155.9120, 44.4134,
81.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	F95BF6
RGB	249, 91, 246
RGB Percent	98%, 36%, 96%
CMY	0.0235, 0.6431, 0.0353
CMYK	0.00, 0.63, 0.01, 0.02
HSL	301°, 93%, 67%
HSV	301°, 63%, 98%
XYZ	59.4426, 34.2757, 90.6717
YIQ	155.9120, 44.4130, 81.7010

Conversions

Conversions Part 2

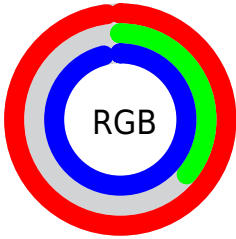
Format	Color
R _Y B	249, 91, 246
Decimal	16342006
CIE Lab	65.18, 77.67, -48.20
CIE LCh	65, 91.407, 328.179
Yxy	34.2757, 0.3224, 0.1859
Android (android.graphics.Color)	4294532086 (0xFFFF95BF6)
YUV	155.9120, 44.4134, 81.6382
Hunter-Lab	58.5455, 78.7805, -50.8429

Details

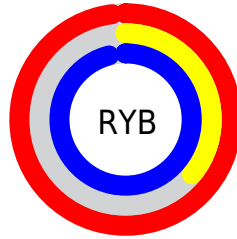
The YUV color **155.9120, 44.4134, 81.6382** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **184.0880, -44.4134, -81.6382**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9520, 30.0967, 53.5391**, and **83.3400, 52.0904, 92.6638** is the 20% darker color. If you saturate the color by 10%, you get **141.2370, 51.6482, 94.5082**, and if you desaturate by 10%, it is **170.5870, 37.1786, 68.7682**.

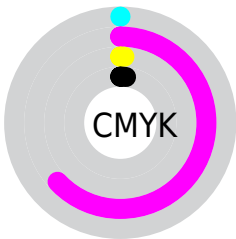
Distribution



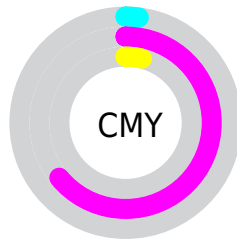
- Red (98%)
- Green (36%)
- Blue (96%)



- Red (98%)
- Yellow (36%)
- Blue (96%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (64%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.9120, 44.4134, 81.6382 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 155.9120, 44.4134, 81.6382 by changing the saturation by 10% instead.


 155.9120, 44.4134,
81.6382


 155.9120, 44.4134,
81.6382


255.0000, 0.0000,
0.0000


 124.2650, 45.7184,
83.0826


 193.9520, 30.0967,
53.5391


 83.3400, 52.0904,
92.6638


 210.9750, 21.7043,
38.6099


 66.3080, 47.1762,
82.1679

 228.5850, 13.0226,
23.1660

 54.5590, 39.6574,
67.0388

 246.1950, 4.3409,
7.7220

 42.9240, 32.5755,
51.8097

 31.7020, 25.7829,
37.0953

 20.8930, 19.2798,

22.8958

■ 6.6100, 14.9823,
1.2190

■ 2.0690, 5.3890,
-1.8145

■ 155.9120, 44.4134,
81.6382

■ 155.9120, 44.4134,
81.6382

■ 141.2370, 51.6482,
94.5082

■ 170.5870, 37.1786,
68.7682

■ 126.4480, 58.4461,
107.4781

■ 185.3760, 30.3806,
55.7982

■ 111.7730, 65.6809,
120.3481

■ 200.0510, 23.1459,
42.9283

■ 102.2670, 69.8744,
128.6848

■ 214.8400, 16.3479,
29.9583

229.5150, 9.1131,
17.0883

243.7170, 2.6045,
4.6332

252.5220, -1.7363,
-3.0888

252.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



150.4410, 51.5476, -13.5418



155.9120, 44.4134, 81.6382



121.6980, 22.3339, 116.9059

Triad

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



155.9120, 44.4134, 81.6382



148.1160, -73.0212, 41.1173



139.9670, 46.3583, -122.7511

Complementary

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



155.9120, 44.4134, 81.6382



184.0880, -44.4134, -81.6382

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.



129.9180, 10.3934, -113.9381



155.9120, 44.4134, 81.6382



137.6970, -67.8846, -19.9053

Square

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



155.9120, 44.4134, 81.6382



144.9240, -71.4475, 96.5367



116.9510, -26.5978, -102.5660



138.8390, 57.2674, -121.7618

Rectangle

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



155.9120, 44.4134, 81.6382



120.8250, -3.8577, 117.6715



116.9510, -26.5978, -102.5660



136.8890, 34.5647, -120.0517

Sweetspot

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



155.9120, 44.4134, 81.6382



226.7100, 13.4540, 24.8103



109.9090, 68.5719, -13.9522



110.2760, 8.2449, 15.5439



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.



155.9120, 44.4134, 81.6382



140.6660, 54.3947, 100.2709



146.9060, 9.9063, 89.5364



117.3690, 3.7621, 6.6924



77.6010, 52.9477, 97.6969



25.0790, 17.2161, 31.5027

Inverse Universe

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



155.9120, 44.4134, 81.6382



140.6660, 54.3947, 100.2709



193.0940, -9.9063, -89.5364



117.3690, 3.7621, 6.6924



77.6010, 52.9477, 97.6969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 155.9120, 44.4134, 81.6382 looks on a white background.

Color Contrast Check

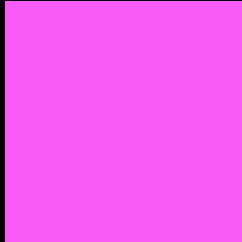
Large Text (above 18pt) WCAG AA × Fail

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 155.9120, 44.4134, 81.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

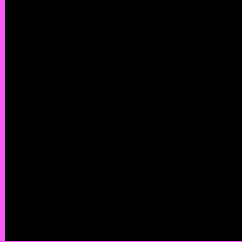
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.9120, 44.4134, 81.6382

Background



This preview shows how black text looks on a background with the YUV color 155.9120, 44.4134, 81.6382.



This preview shows how white text looks on a background with the YUV color 155.9120, 44.4134, 81.6382.

81.6382.

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

155.9120, 44.4134, 81.6382

Protanopia

155.3370, 49.1339, -32.7445

Deuteranopia

156.0250, 38.9347, -28.0859



Tritanopia

158.5140, -12.5784, 67.9552

Trichromacy



Original Color

155.9120, 44.4134, 81.6382



Protanomaly

155.8460, 47.4039, 8.9051



Deuteranomaly

155.8480, 40.9939, 11.5343



Tritanomaly

157.6390, 8.0660, 73.1076

Monochromacy



Original Color

155.9120, 44.4134, 81.6382



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.8400, 16.3479, 29.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9120, 44.4134, 81.6382 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, 91, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 91, 246)  
}
```

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, 91, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 91, 246) }
```

Border

The CSS property to change the border of an element to YUV 155.9120, 44.4134, 81.6382 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, 91, 246) }
```


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

```
.border{ border-color:rgb(249, 91, 246) }
```

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

Here you see how a box with a 4 pixel rgb(249, 91, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 91, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 91, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 91,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 155.9120, 44.4134, 81.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 91, 246) }
```

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

```
.background{ background-color: rgb(249, 91,  
246) }
```

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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