

Converting Colors

YUV(155.3840, 48.6177,
86.4862)

Have a look what the booklet for
YUV(155.3840, 48.6177, 86.4862)
contains.

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Color

**YUV(155.3840, 48.6177,
86.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	FE56FE
RGB	254, 86, 254
RGB Percent	100%, 34%, 100%
CMY	0.0039, 0.6627, 0.0039
CMYK	0.00, 0.66, 0.00, 0.00
HSL	300°, 99%, 67%
HSV	300°, 66%, 100%
XYZ	62.0902, 34.8822, 97.2263
YIQ	155.3840, 46.2000, 87.8640

Conversions

Conversions Part 2

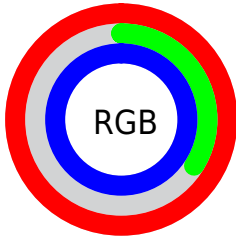
Format	Color
RYB	254, 86, 254
Decimal	16668414
CIELab	65.66, 81.87, -51.80
CIElCh	66, 96.886, 327.677
Yxy	34.8822, 0.3197, 0.1796
Android (android.graphics.Color)	4294858494 (0xFFFE56FE)
YUV	155.3840, 48.6177, 86.4862
Hunter-Lab	59.0611, 84.2979, -56.2603

Details

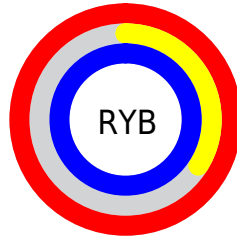
The YUV color **155.3840, 48.6177, 86.4862** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **184.6160, -48.6177, -86.4862**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6040, 31.2542, 55.5983**, and **80.1650, 57.5997, 98.9563** is the 20% darker color. If you saturate the color by 10%, you get **140.7090, 55.8525, 99.3562**, and if you desaturate by 10%, it is **170.0590, 41.3829, 73.6163**.

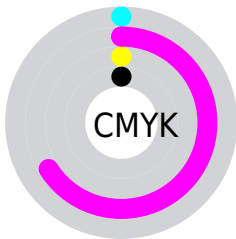
Distribution



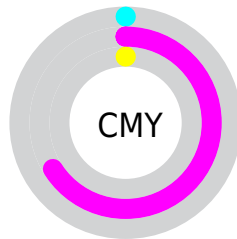
- Red (100%)
- Green (34%)
- Blue (100%)



- Red (100%)
- Yellow (34%)
- Blue (100%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.3840, 48.6177, 86.4862 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 155.3840, 48.6177, 86.4862 by changing the saturation by 10% instead.


 155.3840, 48.6177,
86.4862


 155.3840, 48.6177,
86.4862


255.0000, 0.0000,
0.0000


 122.5630, 50.5014,
88.9602


 191.6040, 31.2542,
55.5983


 80.1650, 57.5997,
98.9563


 209.2140, 22.5725,
40.1543


 68.3020, 49.6441,
83.9271

 226.8240, 13.8908,
24.7104

 56.5530, 42.1254,
68.7980

 244.4340, 5.2090,
9.2664

 44.9180, 35.0434,
53.5689

 33.2830, 27.9615,
38.3398

 22.4740, 21.4583,

24.1403

■ 9.3870, 16.5712,
4.9226

■ 2.9810, 8.8834,
-2.6143

■ 155.3840, 48.6177,
86.4862

■ 155.3840, 48.6177,
86.4862

■ 140.7090, 55.8525,
99.3562

■ 170.0590, 41.3829,
73.6163

■ 125.4470, 63.3766,
112.7410

■ 185.3210, 33.8587,
60.2315

■ 110.7720, 70.6114,
125.6110

■ 199.9960, 26.6240,
47.3615

■ 104.9020, 73.5053,
130.7589

■ 215.2580, 19.0998,
33.9767

■ 229.9330, 11.8650,
21.1068

■ 244.6080, 4.6303,
8.2368

254.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



148.9350, 52.2900, -18.3600



155.3840, 48.6177, 86.4862



105.6040, 31.7472, 131.0203

Triad

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



155.3840, 48.6177, 86.4862



149.8990, -73.9002, 43.0616



142.2980, 47.6741, -124.7953

Complementary

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



155.3840, 48.6177, 86.4862



184.6160, -48.6177, -86.4862

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.



131.5650, 9.0885, -115.3825



155.3840, 48.6177, 86.4862



137.6860, -67.8792, -21.6496

Square

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



155.3840, 48.6177, 86.4862



143.7500, -70.8688, 97.5662



117.8000, -30.9604, -103.3106



140.6000, 56.3992, -123.3062

Rectangle

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



155.3840, 48.6177, 86.4862



109.0850, 1.9301, 127.9675



117.8000, -30.9604, -103.3106



138.9920, 35.0069, -121.8960

Sweetspot

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



155.3840, 48.6177, 86.4862



225.0630, 14.7589, 26.2547



105.1520, 73.3821, -16.7963



109.8030, 8.9711, 15.9588



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.



155.3840, 48.6177, 86.4862



137.0130, 58.1676, 103.4746



145.8080, 11.9267, 94.8844



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



155.3840, 48.6177, 86.4862



137.0130, 58.1676, 103.4746



194.1920, -11.9267, -94.8844



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 155.3840, 48.6177, 86.4862 looks on a white background.

Color Contrast Check

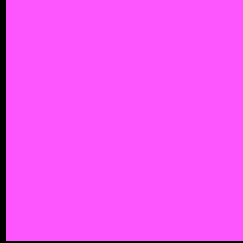
Large Text (above 18pt) WCAG AA × Fail

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 155.3840, 48.6177, 86.4862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

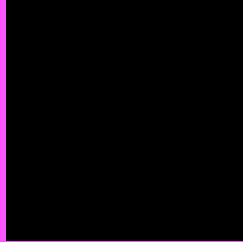
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.3840, 48.6177, 86.4862

Background



This preview shows how black text looks on a background with the YUV color 155.3840, 48.6177, 86.4862.



This preview shows how white text looks on a background with the YUV color 155.3840, 48.6177, 86.4862.

86.4862.

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

155.3840, 48.6177, 86.4862

Protanopia

157.1090, 48.2603, -32.5446

Deuteranopia

156.8010, 42.0031, -32.2745



Tritanopia

159.7100, -13.1680, 70.4143

Trichromacy



Original Color

155.3840, 48.6177, 86.4862



Protanomaly

156.4980, 48.5615, 10.9643



Deuteranomaly

156.0590, 44.3409, 11.3493



Tritanomaly

158.0030, 9.3655, 76.2964

Monochromacy



Original Color

155.3840, 48.6177, 86.4862



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1930, 17.6529, 31.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3840, 48.6177, 86.4862 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(254, 86, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 254)  
}
```

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(254, 86, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 254) }
```

Border

The CSS property to change the border of an element to YUV 155.3840, 48.6177, 86.4862 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(254, 86, 254) }
```


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

```
.border{ border-color:rgb(254, 86, 254) }
```

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

Here you see how a box with a 4 pixel rgb(254, 86, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 155.3840, 48.6177, 86.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 86, 254) }
```

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

```
.background{ background-color: rgb(254, 86,  
254) }
```

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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