

Converting Colors

YUV(156.1540, -3.0339,
86.6879)

Have a look what the booklet for
YUV(156.1540, -3.0339, 86.6879)
contains.

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Color

**YUV(156.1540, -3.0339,
86.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B96
RGB	255, 107, 150
RGB Percent	100%, 42%, 59%
CMY	0.0000, 0.5804, 0.4118
CMYK	0.00, 0.58, 0.41, 0.00
HSL	343°, 100%, 71%
HSV	343°, 58%, 100%
XYZ	52.0027, 33.9774, 32.6716
YIQ	156.1540, 74.4050, 44.7490

Conversions

Conversions Part 2

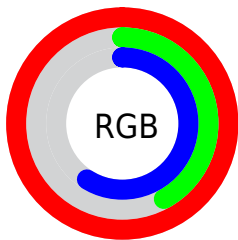
Format	Color
R _Y B	255, 107, 150
Decimal	16739222
CIE Lab	64.94, 60.05, 5.66
CIE LCh	65, 60.313, 5.389
Yxy	33.9774, 0.4383, 0.2864
Android (android.graphics.Color)	4294929302 (0xFFFF6B96)
YUV	156.1540, -3.0339, 86.6879
Hunter-Lab	58.2901, 57.2385, 7.5711

Details

The YUV color **156.1540, -3.0339, 86.6879** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **205.8460, 3.0339, -86.6879**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1820, 4.3473, 52.4604**, and **97.4680, 0.7553, 84.6586** is the 20% darker color. If you saturate the color by 10%, you get **139.4270, -3.6615, 101.3575**, and if you desaturate by 10%, it is **173.4680, -2.6957, 71.5036**.

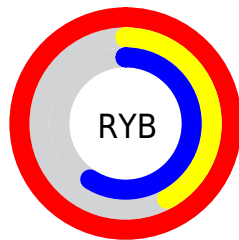
Distribution



Red (100%)

Green (42%)

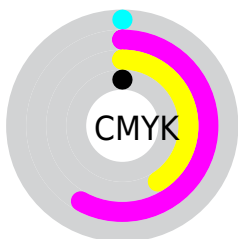
Blue (59%)



Red (100%)

Yellow (42%)

Blue (59%)

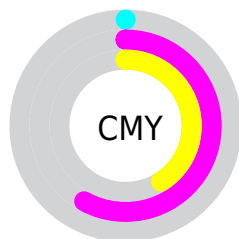


Cyan (0%)

Magenta (58%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1540, -3.0339, 86.6879 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 156.1540, -3.0339, 86.6879 by changing the saturation by 10% instead.


 156.1540, -3.0339,
86.6879

 156.1540, -3.0339,
86.6879


255.0000, 0.0000,
0.0000

 127.4850, -1.7181,
84.6437


 195.1820, 4.3473,
52.4604


 97.4680, 0.7553,
84.6586


 215.3970, 8.1853,
34.7318


 59.4610, 8.1537,
91.6807

 235.0420, 9.8393,
17.5032

 46.1080, 3.3978,
77.0813

 252.6520, 1.1576,
2.0592

 35.0430, -1.5002,
61.3523

 23.9350, -7.8560,
46.5380

 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 156.1540, -3.0339,
86.6879

■ 156.1540, -3.0339,
86.6879

■ 139.4270, -3.6615,
101.3575

■ 173.4680, -2.6957,
71.5036

■ 122.1130, -3.9997,
116.5419

■ 190.1950, -2.0681,
56.8340

■ 105.3860, -4.6273,
131.2115

■ 207.5090, -1.7299,
41.6496

■ 88.0720, -4.9655,
146.3959

■ 224.2360, -1.1023,
26.9800

■ 84.6810, -5.2657,
149.3698

■ 241.5500, -0.7642,
11.7956

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



161.0040, 21.1970, 61.3865



156.1540, -3.0339, 86.6879



154.6010, -27.9043, 83.6649

Triad

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



156.1540, -3.0339, 86.6879



144.3250, -40.0932, -20.4560



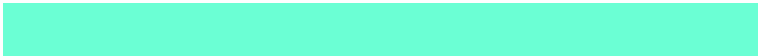
131.7950, 60.7401, -115.5842

Complementary

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



156.1540, -3.0339, 86.6879



205.8460, 3.0339, -86.6879

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.



131.8000, 42.9896, -115.5886



156.1540, -3.0339, 86.6879



120.8910, -5.3693, -98.1284

Square

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



156.1540, -3.0339, 86.6879



150.1150, -54.7797, 23.5781



126.9320, 19.2605, -111.3194



139.1360, 57.1210, -74.6643

Rectangle

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



156.1540, -3.0339, 86.6879



154.4300, -42.1170, 68.9059



126.9320, 19.2605, -111.3194



132.5300, 55.9407, -116.2288

Sweetspot

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



156.1540, -3.0339, 86.6879



226.2250, -1.0969, 25.2357



154.9680, 49.3158, 49.1401



110.5720, -0.7750, 15.2844



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.



156.1540, -3.0339, 86.6879



136.0360, -3.9617, 104.3314



168.8620, -30.4980, 75.5430



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Inverse Universe

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



156.1540, -3.0339, 86.6879



136.0360, -3.9617, 104.3314



193.1380, 30.4980, -75.5430



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 156.1540, -3.0339, 86.6879 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 156.1540, -3.0339, 86.6879 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 156.1540, -3.0339, 86.6879

Background



This preview shows how black text looks on a background with the YUV color 156.1540, -3.0339, 86.6879.



This preview shows how white text looks on a background with the YUV color 156.1540, -3.0339,

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

156.1540, -3.0339, 86.6879

Protanopia

158.9100, 9.9044, -3.4291

Deuteranopia

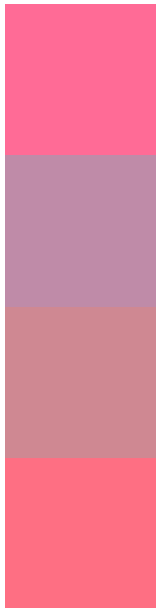
159.0470, -7.9112, 17.4988



Tritanopia

155.6580, -17.5794, 85.3689

Trichromacy



Original Color

156.1540, -3.0339, 86.6879

Protanomaly

157.8540, 5.0020, 29.0690

Deuteranomaly

158.3690, -6.0979, 42.6494

Tritanomaly

156.0370, -12.3432, 85.9136

Monochromacy



Original Color

156.1540, -3.0339, 86.6879

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9700, -0.9712, 31.5983

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1540, -3.0339, 86.6879 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(255, 107, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 150)  
}
```

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(255, 107, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 150) }
```

Border

The CSS property to change the border of an element to YUV 156.1540, -3.0339, 86.6879 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(255, 107, 150) }
```


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

```
.border{ border-color:rgb(255, 107, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 156.1540, -3.0339, 86.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 150) }
```

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

```
.background{ background-color: rgb(255,  
107, 150) }
```

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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