

Converting Colors

YUV(156.3480, 2.7864, 86.5178)

Have a look what the booklet for
YUV(156.3480, 2.7864, 86.5178)
contains.

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Color

**YUV(156.3480, 2.7864,
86.5178)**

Conversions

Conversions Part 1

Format	Color
Hex	FF69A2
RGB	255, 105, 162
RGB Percent	100%, 41%, 64%
CMY	0.0000, 0.5882, 0.3647
CMYK	0.00, 0.59, 0.36, 0.00
HSL	337°, 100%, 71%
HSV	337°, 59%, 100%
XYZ	52.8132, 33.9718, 37.9561
YIQ	156.3480, 71.1030, 49.5270

Conversions

Conversions Part 2

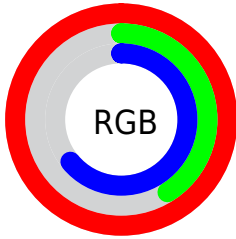
Format	Color
R_{YB}	255, 105, 162
Decimal	16738722
CIE _{Lab}	64.94, 62.18, -1.21
CIE _{LCh}	65, 62.191, 358.890
Yxy	33.9718, 0.4234, 0.2723
Android (android.graphics.Color)	4294928802 (0xFFFF69A2)
YUV	156.3480, 2.7864, 86.5178
Hunter-Lab	58.2853, 59.7421, 2.1894

Details

The YUV color **156.3480, 2.7864, 86.5178** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **203.6520, -2.7864, -86.5178**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0770, 10.3150, 51.6755**, and **97.0750, 6.8650, 85.0032** is the 20% darker color. If you saturate the color by 10%, you get **139.8490, 3.0324, 100.9874**, and if you desaturate by 10%, it is **173.4340, 2.2510, 71.5334**.

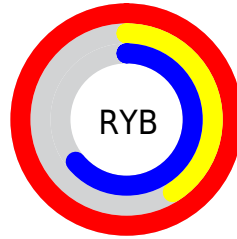
Distribution



Red (100%)

Green (41%)

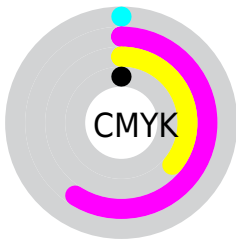
Blue (64%)



Red (100%)

Yellow (41%)

Blue (64%)

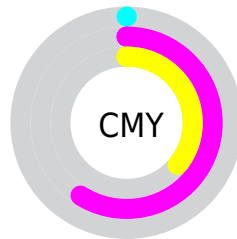


Cyan (0%)

Magenta (59%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.3480, 2.7864, 86.5178 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 156.3480, 2.7864, 86.5178 by changing the saturation by 10% instead.

 156.3480, 2.7864,
86.5178


 156.3480, 2.7864,
86.5178


255.0000, 0.0000,
0.0000


 127.0920, 4.3916,
84.9883

 196.0770, 10.3150,
51.6755


 97.0750, 6.8650,
85.0032

 216.2920, 14.1530,
33.9469


 58.8400, 13.3899,
92.2253


 234.4550, 10.1287,
18.0180

 47.5470, 7.6183,
76.6963

 252.0650, 1.4470,
2.5740

 36.3680, 2.2836,
61.0673

 25.7160, -2.3250,
45.8531

 15.1780, -6.4968,

30.5389

■ 0.0000, 0.0000,
0.0000

■ 156.3480, 2.7864,
86.5178

■ 156.3480, 2.7864,
86.5178

■ 139.8490, 3.0324,
100.9874

■ 173.4340, 2.2510,
71.5334

■ 122.7630, 3.5678,
115.9718

■ 189.9330, 2.0050,
57.0638

■ 105.7910, 4.5400,
130.8563

■ 206.3180, 1.3222,
42.6941

■ 89.2920, 4.7860,
145.3259

■ 223.4040, 0.7868,
27.7097

■ 87.3030, 4.7806,
147.0703

■ 240.4900, 0.2514,
12.7253

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.



161.7410, 26.7497, 53.7241



156.3480, 2.7864, 86.5178



154.1870, -23.2632, 88.4130

Triad

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



156.3480, 2.7864, 86.5178



145.3710, -46.5249, -10.8494



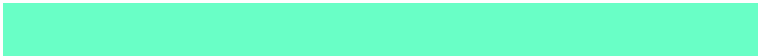
133.2140, 58.5615, -116.8287

Complementary

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



156.3480, 2.7864, 86.5178



203.6520, -2.7864, -86.5178

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.



131.9480, 38.4796, -115.7184



156.3480, 2.7864, 86.5178



131.3690, -16.9439, -72.2376

Square

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



156.3480, 2.7864, 86.5178



150.3720, -57.8644, 32.9998



125.5640, 14.0189, -110.1196



125.9250, 63.6340, -110.4362

Rectangle

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



156.3480, 2.7864, 86.5178



153.9840, -38.9391, 76.3130



125.5640, 14.0189, -110.1196



133.0200, 52.7411, -116.6585

Sweetspot

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



156.3480, 2.7864, 86.5178



224.8060, 1.0816, 26.4801



149.9070, 51.8108, 42.1776



108.9250, 0.5300, 16.7288



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.



156.3480, 2.7864, 86.5178



135.9850, 3.4584, 104.3762



159.8290, -27.0307, 83.4650



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Inverse Universe

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



156.3480, 2.7864, 86.5178



135.9850, 3.4584, 104.3762



199.5840, 27.3201, -82.9502



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 156.3480, 2.7864, 86.5178 looks on a white background.

Color Contrast Check

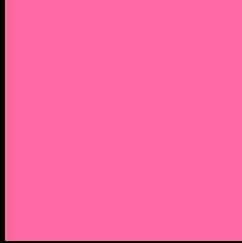
Large Text (above 18pt) WCAG AA × Fail

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 156.3480, 2.7864, 86.5178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

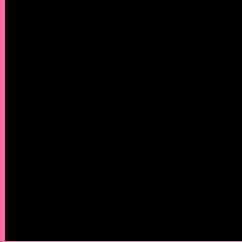
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.3480, 2.7864, 86.5178

Background



This preview shows how black text looks on a background with the YUV color 156.3480, 2.7864, 86.5178.



This preview shows how white text looks on a background with the YUV color 156.3480, 2.7864,

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

156.3480, 2.7864, 86.5178

Protanopia

158.2390, 17.6302, -8.1026

Deuteranopia

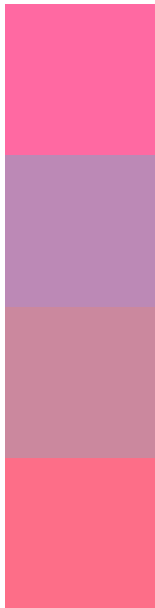
159.5070, -2.2220, 12.7104



Tritanopia

155.4730, -16.9952, 84.6542

Trichromacy



Original Color

156.3480, 2.7864, 86.5178

Protanomaly

157.3790, 12.1382, 26.8546

Deuteranomaly

158.5410, -0.2667, 38.9905

Tritanomaly

155.7210, -9.7225, 85.3137

Monochromacy



Original Color

156.3480, 2.7864, 86.5178

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8390, 1.0654, 31.7132

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3480, 2.7864, 86.5178 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, 105, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 162)  
}
```

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, 105, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 162) }
```

Border

The CSS property to change the border of an element to YUV 156.3480, 2.7864, 86.5178 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, 105, 162) }
```


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

```
.border{ border-color:rgb(255, 105, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 105, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 156.3480, 2.7864, 86.5178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 162) }
```

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

```
.background{ background-color: rgb(255,  
105, 162) }
```

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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