

Converting Colors

YUV(156.8160, -3.8533,
69.4444)

Have a look what the booklet for
YUV(156.8160, -3.8533, 69.4444)
contains.

YUV(156.8160, -3.8533, 69.4444)	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(156.8160, -3.8533,
69.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7695
RGB	236, 118, 149
RGB Percent	93%, 46%, 58%
CMY	0.0745, 0.5373, 0.4157
CMYK	0.00, 0.50, 0.37, 0.07
HSL	344°, 76%, 69%
HSV	344°, 50%, 93%
XYZ	46.4953, 32.9597, 32.3450
YIQ	156.8160, 60.3770, 34.6570

Conversions

Conversions Part 2

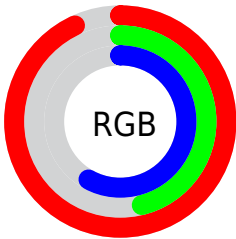
Format	Color
R _Y B	236, 118, 149
Decimal	15496853
CIE Lab	64.13, 48.59, 4.70
CIE LCh	64, 48.814, 5.530
Yxy	32.9597, 0.4159, 0.2948
Android (android.graphics.Color)	4293686933 (0xFFEC7695)
YUV	156.8160, -3.8533, 69.4444
Hunter-Lab	57.4105, 44.0943, 6.7834

Details

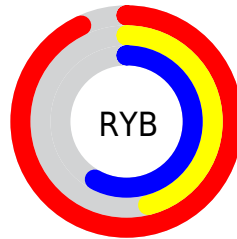
The YUV color **156.8160, -3.8533, 69.4444** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **197.1840, 3.8533, -69.4444**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9380, 1.0166, 47.4124**, and **101.6630, -1.8059, 66.0705** is the 20% darker color. If you saturate the color by 10%, you get **140.7900, -4.3335, 83.4992**, and if you desaturate by 10%, it is **172.8420, -3.3731, 55.3896**.

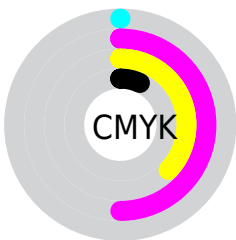
Distribution



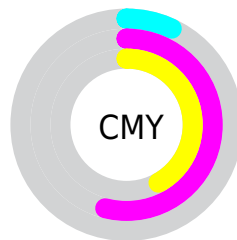
- Red (93%)
- Green (46%)
- Blue (58%)



- Red (93%)
- Yellow (46%)
- Blue (58%)



- Cyan (0%)
- Magenta (50%)
- Yellow (37%)
- Black (7%)




- Cyan (7%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.8160, -3.8533, 69.4444 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 156.8160, -3.8533, 69.4444 by changing the saturation by 10% instead.

 156.8160, -3.8533,
69.4444

 156.8160, -3.8533,
69.4444

255.0000, 0.0000,
0.0000


 129.0330, -2.9743,
67.5001

 200.9380, 1.0166,
47.4124


 101.6630, -1.8059,
66.0705


 220.5660, 5.1440,
30.1986

 73.9340, 0.5255,
64.9559

 240.3250, 7.2348,
12.8700

 41.5090, 5.1721,
67.9596

 31.0420, -0.0207,
53.4602

 20.1190, -6.9607,
39.3606

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 156.8160, -3.8533,
69.4444

■ 156.8160, -3.8533,
69.4444

■ 140.7900, -4.3335,
83.4992

■ 172.8420, -3.3731,
55.3896

■ 125.2370, -5.5398,
97.1392

■ 188.3950, -2.1667,
41.7496

■ 109.2110, -6.0200,
111.1940

■ 204.4210, -1.6866,
27.6948

■ 93.6580, -7.2264,
124.8339

■ 219.9740, -0.4802,
14.0548

■ 77.6320, -7.7066,
138.8887

■ 236.0000, 0.0000,
0.0000

■ 249.0910, 1.9271,
-11.4808

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



159.8470, 15.8514, 49.2462



156.8160, -3.8533, 69.4444



154.9410, -23.6349, 67.5807

Triad

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



156.8160, -3.8533, 69.4444



145.3500, -31.2316, -16.0930



125.8790, 53.3037, -110.3959

Complementary

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



156.8160, -3.8533, 69.4444



197.1840, 3.8533, -69.4444

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.



126.6820, 38.6108, -111.1001



156.8160, -3.8533, 69.4444



135.9110, -8.8301, -61.3119

Square

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



156.8160, -3.8533, 69.4444



150.7090, -42.2545, 19.5492



122.3670, 19.5391, -107.3159



147.5540, 46.5619, -47.8439

Rectangle

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



156.8160, -3.8533, 69.4444



154.4160, -34.2221, 56.6402



122.3670, 19.5391, -107.3159



126.7280, 48.9411, -111.1405

Sweetspot

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



156.8160, -3.8533, 69.4444



229.5020, -1.2335, 22.3617



157.4650, 38.7178, 41.6882



112.5610, -0.7696, 13.5400



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.



156.8160, -3.8533, 69.4444



152.3070, -5.0814, 90.0618



169.7180, -25.4970, 58.1293



109.6310, -0.3111, 6.4626



59.5910, -5.7144, 106.4757



17.7420, -1.8448, 31.7983

Inverse Universe

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



156.8160, -3.8533, 69.4444



152.3070, -5.0814, 90.0618



184.2820, 25.4970, -58.1293



109.6310, -0.3111, 6.4626



59.5910, -5.7144, 106.4757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 156.8160, -3.8533, 69.4444 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 156.8160, -3.8533, 69.4444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

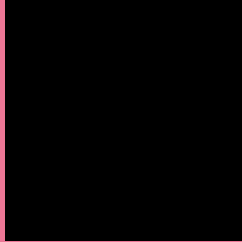
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.8160, -3.8533, 69.4444

Background



This preview shows how black text looks on a background with the YUV color 156.8160, -3.8533, 69.4444.



This preview shows how white text looks on a background with the YUV color 156.8160, -3.8533,

69.4444.

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

156.8160, -3.8533, 69.4444

Protanopia

156.4110, 6.6994, -2.1144

Deuteranopia

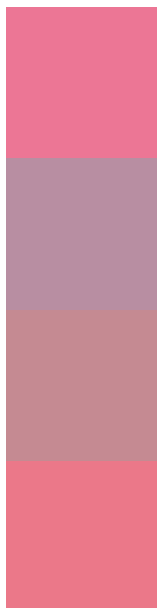
156.7910, -6.3060, 15.9693



Tritanopia

155.8130, -12.7258, 68.5700

Trichromacy



Original Color

156.8160, -3.8533, 69.4444

Protanomaly

156.8380, 2.5449, 23.8211

Deuteranomaly

156.5530, -5.2026, 35.4720

Tritanomaly

156.3230, -9.5262, 68.9997

Monochromacy



Original Color

156.8160, -3.8533, 69.4444

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1110, -1.5337, 25.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8160, -3.8533, 69.4444 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(236, 118, 149)` looks like.

```
.text, #text, p{  
    color:rgb(236, 118, 149)  
}
```

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(236, 118, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 118, 149) }
```

Border

The CSS property to change the border of an element to YUV 156.8160, -3.8533, 69.4444 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(236, 118, 149) }
```


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

```
.border{ border-color:rgb(236, 118, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 118, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 118, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 118, 149);  
box-shadow:4px 4px 4px 4px rgb(236, 118,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 156.8160, -3.8533, 69.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 118, 149) }
```

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

```
.background{ background-color: rgb(236,  
118, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor