

Converting Colors

YUV(154.3170, -3.6073,
83.9140)

Have a look what the booklet for
YUV(154.3170, -3.6073, 83.9140)
contains.

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Color

**YUV(154.3170, -3.6073,
83.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6B93
RGB	250, 107, 147
RGB Percent	98%, 42%, 58%
CMY	0.0196, 0.5804, 0.4235
CMYK	0.00, 0.57, 0.41, 0.02
HSL	343°, 93%, 70%
HSV	343°, 57%, 98%
XYZ	49.9485, 32.9460, 31.3304
YIQ	154.3170, 72.3880, 42.7560

Conversions

Conversions Part 2

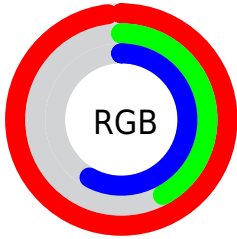
Format	Color
R _Y B	250, 107, 147
Decimal	16411539
CIE Lab	64.12, 58.16, 6.10
CIE LCh	64, 58.475, 5.983
Yxy	32.9460, 0.4373, 0.2884
Android (android.graphics.Color)	4294601619 (0xFFFA6B93)
YUV	154.3170, -3.6073, 83.9140
Hunter-Lab	57.3986, 54.8840, 7.8162

Details

The YUV color **154.3170, -3.6073, 83.9140** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.6830, 3.6073, -83.9140**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8400, 3.0369, 52.7603**, and **96.3320, 0.3293, 81.2698** is the 20% darker color. If you saturate the color by 10%, you get **137.5900, -4.2349, 98.5836**, and if you desaturate by 10%, it is **171.0440, -2.9797, 69.2444**.

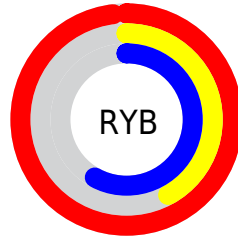
Distribution



Red (98%)

Green (42%)

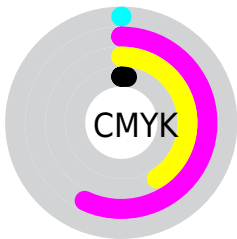
Blue (58%)



Red (98%)

Yellow (42%)

Blue (58%)

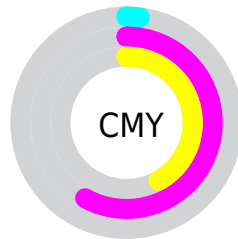


Cyan (0%)

Magenta (57%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3170, -3.6073, 83.9140 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 154.3170, -3.6073, 83.9140 by changing the saturation by 10% instead.

 154.3170, -3.6073,
83.9140

 154.3170, -3.6073,
83.9140

255.0000, 0.0000,
0.0000


 125.6480, -2.2915,
81.8697

 194.8400, 3.0369,
52.7603

 96.3320, 0.3293,
81.2698


 215.0550, 6.8749,
35.0318


 60.5590, 6.1334,
86.3328

 235.0420, 9.8393,
17.5032

 44.6840, 3.1138,
74.8221

 252.0650, 1.4470,
2.5740

 33.6190, -1.7842,
59.0931

 22.5820, -9.1609,
45.0936

 13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 154.3170, -3.6073,
83.9140

■ 154.3170, -3.6073,
83.9140

■ 137.5900, -4.2349,
98.5836

■ 171.0440, -2.9797,
69.2444

■ 120.8630, -4.8625,
113.2531

■ 187.7710, -2.3521,
54.5748

■ 104.1360, -5.4900,
127.9227

■ 204.4980, -1.7245,
39.9053

■ 87.4090, -6.1176,
142.5923

■ 221.2250, -1.0969,
25.2357

■ 82.7300, -6.2759,
146.6958

■ 237.9520, -0.4693,
10.5661

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



158.6510, 19.8921, 59.9421



154.3170, -3.6073, 83.9140



152.9920, -27.6041, 80.6910

Triad

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



154.3170, -3.6073, 83.9140



142.7810, -38.3460, -20.8559



129.4640, 59.4242, -113.5399

Complementary

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



154.3170, -3.6073, 83.9140



202.6830, 3.6073, -83.9140

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.



129.5830, 42.1106, -113.6443



154.3170, -3.6073, 83.9140



121.9240, -5.3855, -92.8953

Square

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



154.3170, -3.6073, 83.9140



148.3860, -52.4483, 22.4635



125.0570, 19.6919, -109.6750



140.6530, 56.3731, -68.1017

Rectangle

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



154.3170, -3.6073, 83.9140



152.3480, -41.0906, 66.3468



125.0570, 19.6919, -109.6750



130.1990, 54.6249, -114.1845

Sweetspot

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



154.3170, -3.6073, 83.9140



226.2250, -1.0969, 25.2357



153.8000, 47.4266, 48.4104



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.



154.3170, -3.6073, 83.9140



137.2100, -4.5405, 103.3018



167.9540, -30.0503, 71.9543



116.3430, -0.1691, 7.5922



62.5530, -4.7096, 110.8940



20.1770, -1.5663, 35.8018

Inverse Universe

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



154.3170, -3.6073, 83.9140



137.2100, -4.5405, 103.3018



189.0460, 30.0503, -71.9543



116.3430, -0.1691, 7.5922



62.5530, -4.7096, 110.8940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 154.3170, -3.6073, 83.9140 looks on a white background.

Color Contrast Check

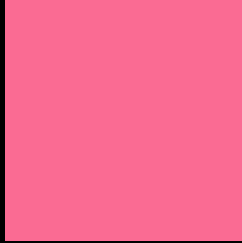
Large Text (above 18pt) WCAG AA × Fail

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 154.3170, -3.6073, 83.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

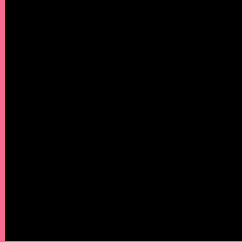
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.3170, -3.6073, 83.9140

Background



This preview shows how black text looks on a background with the YUV color 154.3170, -3.6073, 83.9140.



This preview shows how white text looks on a background with the YUV color 154.3170, -3.6073,

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

154.3170, -3.6073, 83.9140

Protanopia

156.5680, 8.5940, -3.1291

Deuteranopia

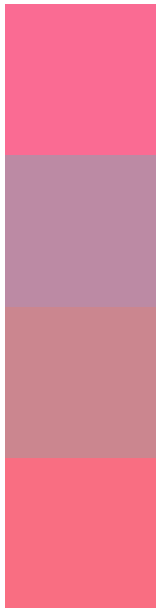
156.6340, -8.2006, 16.9840



Tritanopia

153.5760, -16.5530, 82.8098

Trichromacy



Original Color

154.3170, -3.6073, 83.9140

Protanomaly

155.9140, 3.9864, 28.1394

Deuteranomaly

155.6570, -6.2399, 41.5198

Tritanomaly

153.8410, -11.7536, 83.4544

Monochromacy



Original Color

154.3170, -3.6073, 83.9140

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1440, -1.5500, 30.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3170, -3.6073, 83.9140 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(250, 107, 147)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 147)  
}
```

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(250, 107, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 147) }
```

Border

The CSS property to change the border of an element to YUV 154.3170, -3.6073, 83.9140 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(250, 107, 147) }
```


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

```
.border{ border-color:rgb(250, 107, 147) }
```

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

Here you see how a box with a 4 pixel rgb(250, 107, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 147);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 154.3170, -3.6073, 83.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 147) }
```

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

```
.background{ background-color: rgb(250,  
107, 147) }
```

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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