

Converting Colors

YUV(153.5470, -9.1437,
86.3433)

Have a look what the booklet for
YUV(153.5470, -9.1437, 86.3433)
contains.

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Color

**YUV(153.5470, -9.1437,
86.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6B87
RGB	252, 107, 135
RGB Percent	99%, 42%, 53%
CMY	0.0118, 0.5804, 0.4706
CMYK	0.00, 0.58, 0.46, 0.01
HSL	348°, 96%, 70%
HSV	348°, 58%, 99%
XYZ	49.7758, 32.9601, 26.6601
YIQ	153.5470, 77.4320, 39.4480

Conversions

Conversions Part 2

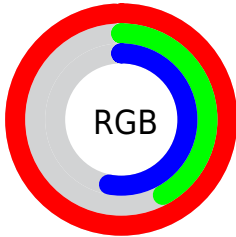
Format	Color
R_{YB}	252, 107, 135
Decimal	16542599
CIE _{Lab}	64.13, 57.64, 13.03
CIE _{LCh}	64, 59.096, 12.739
Yxy	32.9601, 0.4550, 0.3013
Android (android.graphics.Color)	4294732679 (0xFFFC6B87)
YUV	153.5470, -9.1437, 86.3433
Hunter-Lab	57.4109, 54.2920, 12.6549

Details

The YUV color **153.5470, -9.1437, 86.3433** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **205.4530, 9.1437, -86.3433**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3580, -2.6415, 54.0600**, and **95.6760, -4.7703, 83.5991** is the 20% darker color. If you saturate the color by 10%, you get **136.5920, -10.6449, 101.2128**, and if you desaturate by 10%, it is **170.5020, -7.6425, 71.4737**.

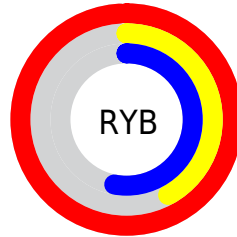
Distribution



Red (99%)

Green (42%)

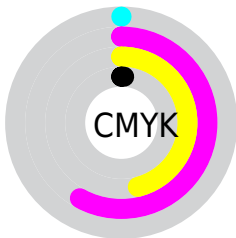
Blue (53%)



Red (99%)

Yellow (42%)

Blue (53%)

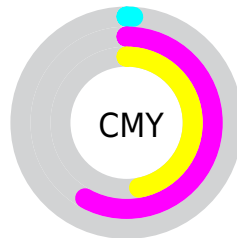


Cyan (0%)

Magenta (58%)

Yellow (46%)

Black (1%)



Cyan (1%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5470, -9.1437, 86.3433 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 153.5470, -9.1437, 86.3433 by changing the saturation by 10% instead.


 153.5470, -9.1437,
86.3433

 153.5470, -9.1437,
86.3433


255.0000, 0.0000,
0.0000


 124.9920, -7.3911,
84.1990


 193.3580, -2.6415,
54.0600


 95.6760, -4.7703,
83.5991


 213.5730, 1.1965,
36.3315


 60.0170, 1.4706,
88.5621

 233.7880, 5.0345,
18.6029

 43.8430, -1.4016,
76.4367

 252.0650, 1.4470,
2.5740

 32.8920, -5.8628,
60.6077

 21.9410, -10.3239,
44.7787

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 153.5470, -9.1437,
86.3433

■ 153.5470, -9.1437,
86.3433

■ 136.5920,
-10.6449, 101.2128

■ 170.5020, -7.6425,
71.4737

■ 119.5230,
-12.5828, 116.1823

■ 187.5710, -5.7045,
56.5042

■ 101.9810,
-13.7946, 131.5667

■ 205.1130, -4.4927,
41.1199

■ 85.0260, -15.2958,
146.4362

■ 222.0680, -2.9915,
26.2504

■ 80.9340, -15.7435,
150.0249

■ 239.1370, -1.0535,
11.2809

254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



157.7400, 14.9182, 68.6340



153.5470, -9.1437, 86.3433



152.8900, -32.9768, 77.2725

Triad

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



153.5470, -9.1437, 86.3433



140.0830, -33.0719, -32.5218



128.8600, 62.1870, -113.0102

Complementary

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



153.5470, -9.1437, 86.3433



205.4530, 9.1437, -86.3433

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.



130.2500, 47.2047, -114.2292



153.5470, -9.1437, 86.3433



118.9810, 1.4884, -104.3463

Square

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



153.5470, -9.1437, 86.3433



147.1460, -51.8370, 13.0270



126.4250, 24.9335, -110.8747



148.4710, 52.5188, -45.1401

Rectangle

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



153.5470, -9.1437, 86.3433



152.1640, -45.4369, 60.3692



126.4250, 24.9335, -110.8747



129.9370, 58.6981, -113.9547

Sweetspot

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



153.5470, -9.1437, 86.3433



225.7690, -2.8441, 25.6356



158.2140, 46.2365, 56.8173



110.3440, -1.6486, 15.4843



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.



153.5470, -9.1437, 86.3433



135.5000, -11.0925, 104.8015



176.1830, -34.1072, 66.4915



116.2290, -0.6059, 7.6922



60.6150, -12.1352, 112.5936



19.6070, -3.7503, 36.3017

Inverse Universe

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



153.5470, -9.1437, 86.3433



135.5000, -11.0925, 104.8015



182.8170, 34.1072, -66.4915



116.2290, -0.6059, 7.6922



60.6150, -12.1352, 112.5936



19.6070, -3.7503, 36.3017

Previews

White Background



This preview shows how the YUV color 153.5470, -9.1437, 86.3433 looks on a white background.

Color Contrast Check

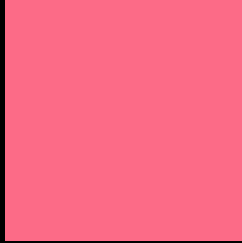
Large Text (above 18pt) WCAG AA × Fail

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 153.5470, -9.1437, 86.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

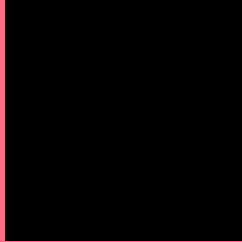
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.5470, -9.1437, 86.3433

Background



This preview shows how black text looks on a background with the YUV color 153.5470, -9.1437, 86.3433.



This preview shows how white text looks on a background with the YUV color 153.5470, -9.1437,

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

153.5470, -9.1437, 86.3433

Protanopia

156.2820, 2.3260, 0.6297

Deuteranopia

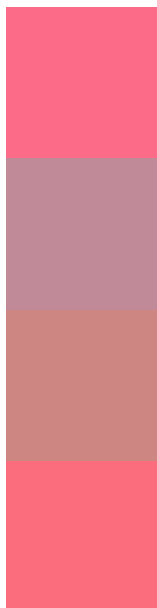
156.4620, -14.0318, 20.6428



Tritanopia

153.0710, -17.2900, 85.8837

Trichromacy



Original Color

153.5470, -9.1437, 86.3433

Protanomaly

155.7420, -1.8448, 31.7983

Deuteranomaly

155.1860, -11.9237, 44.5639

Tritanomaly

153.1680, -14.3798, 85.7987

Monochromacy



Original Color

153.5470, -9.1437, 86.3433

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9870, -3.4446, 31.5834

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5470, -9.1437, 86.3433 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(252, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(252, 107, 135)  
}
```

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(252, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 107, 135) }
```

Border

The CSS property to change the border of an element to YUV 153.5470, -9.1437, 86.3433 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(252, 107, 135) }
```


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

```
.border{ border-color:rgb(252, 107, 135) }
```

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

Here you see how a box with a 4 pixel rgb(252, 107, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(252, 107,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 153.5470, -9.1437, 86.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 107, 135) }
```

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

```
.background{ background-color: rgb(252,  
107, 135) }
```

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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