

Converting Colors

YUV(154.3370, 23.0049,
88.2815)

Have a look what the booklet for
YUV(154.3370, 23.0049, 88.2815)
contains.

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Color

**YUV(154.3370, 23.0049,
88.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5EC9
RGB	255, 94, 201
RGB Percent	100%, 37%, 79%
CMY	0.0000, 0.6314, 0.2118
CMYK	0.00, 0.63, 0.21, 0.00
HSL	320°, 100%, 68%
HSV	320°, 63%, 100%
XYZ	55.7853, 33.4825, 58.7809
YIQ	154.3370, 61.6090, 67.4090

Conversions

Conversions Part 2

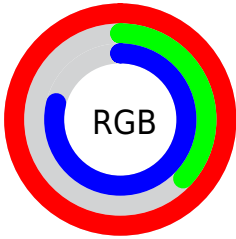
Format	Color
R _{YB}	255, 94, 201
Decimal	16735945
CIE Lab	64.55, 71.43, -23.97
CIE LCh	65, 75.348, 341.449
Yxy	33.4825, 0.3768, 0.2262
Android (android.graphics.Color)	4294926025 (0xFFFF5EC9)
YUV	154.3370, 23.0049, 88.2815
Hunter-Lab	57.8640, 70.8255, -19.7246

Details

The YUV color **154.3370, 23.0049, 88.2815** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **194.6630, -23.0049, -88.2815**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 29.5179, 52.5095**, and **87.9770, 29.0983, 93.8592** is the 20% darker color. If you saturate the color by 10%, you get **138.6360, 26.3085, 102.0512**, and if you desaturate by 10%, it is **170.6250, 19.4119, 73.9969**.

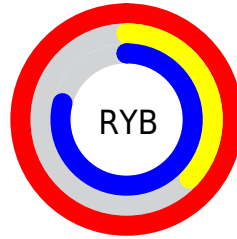
Distribution



Red (100%)

Green (37%)

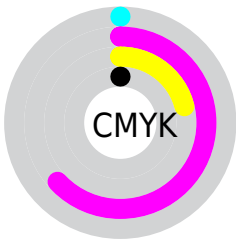
Blue (79%)



Red (100%)

Yellow (37%)

Blue (79%)

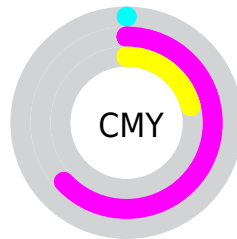


Cyan (0%)

Magenta (63%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.3370, 23.0049, 88.2815 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 154.3370, 23.0049, 88.2815 by changing the saturation by 10% instead.


 154.3370, 23.0049,
88.2815


 154.3370, 23.0049,
88.2815


255.0000, 0.0000,
0.0000


 124.0920, 24.6046,
88.4963


 195.1260, 29.5179,
52.5095


 87.9770, 29.0983,
93.8592

 212.1490, 21.1255,
37.5803


 63.1290, 28.5304,
89.3409

 229.1720, 12.7332,
22.6512

 51.6080, 21.8853,
74.0118

 246.7820, 4.0515,
7.2072

 40.2010, 15.6769,
58.5827

 29.2070, 9.7579,
43.6685

 18.7400, 4.5652,

29.1690

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 154.3370, 23.0049,
88.2815

■ 154.3370, 23.0049,
88.2815

■ 138.6360, 26.3085,
102.0512

■ 170.6250, 19.4119,
73.9969

■ 122.4620, 30.3382,
116.2358

■ 186.2120, 15.6715,
60.3271

■ 106.7610, 33.6418,
130.0056

■ 202.5000, 12.0785,
46.0425

■ 95.5110, 36.2301,
139.8719

■ 218.0870, 8.3381,
32.3727

234.3750, 4.7451,
18.0881

249.9620, 1.0047,
4.4183

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.



160.1410, 46.7655, 27.0633



154.3370, 23.0049, 88.2815



140.8290, -3.3667, 100.1280

Triad

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



154.3370, 23.0049, 88.2815



144.1300, -71.0561, 17.4260



136.5250, 53.4782, -119.7324

Complementary

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



154.3370, 23.0049, 88.2815



194.6630, -23.0049, -88.2815

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.



130.4030, 24.9443, -114.3634



154.3370, 23.0049, 88.2815



134.7000, -45.7011, -41.8329

Square

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



154.3370, 23.0049, 88.2815



147.0850, -72.5129, 64.8235



120.6620, -4.7634, -105.8206



132.3820, 60.4507, -116.0990

Rectangle

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



154.3370, 23.0049, 88.2815



143.4440, -26.3479, 97.8346



120.6620, -4.7634, -105.8206



134.8320, 44.4528, -118.2477

Sweetspot

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



154.3370, 23.0049, 88.2815



225.0000, 6.9020, 26.3100



128.5000, 62.3645, 17.1015



109.2500, 4.3137, 16.4438



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.



154.3370, 23.0049, 88.2815



133.7120, 27.7500, 106.3696



145.2170, -11.9390, 96.2797



119.7990, 1.5781, 7.1923



71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Inverse Universe

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



154.3370, 23.0049, 88.2815



133.7120, 27.7500, 106.3696



203.7830, 11.9390, -96.2797



119.7990, 1.5781, 7.1923



71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 154.3370, 23.0049, 88.2815 looks on a white background.

Color Contrast Check

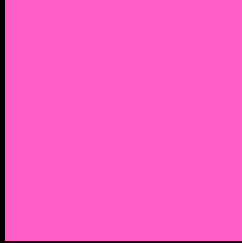
Large Text (above 18pt) WCAG AA × Fail

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 154.3370, 23.0049, 88.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

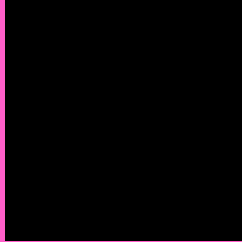
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.3370, 23.0049, 88.2815

Background



This preview shows how black text looks on a background with the YUV color 154.3370, 23.0049, 88.2815.



This preview shows how white text looks on a background with the YUV color 154.3370, 23.0049, 88.2815.

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

154.3370, 23.0049, 88.2815

Protanopia

155.0340, 45.3392, -28.9708

Deuteranopia

157.7450, 16.8877, -3.2844



Tritanopia

154.9780, -16.2582, 81.5803

Trichromacy



Original Color

154.3370, 23.0049, 88.2815



Protanomaly

154.5340, 37.2047, 13.5637



Deuteranomaly

156.8230, 18.8213, 29.9732



Tritanomaly

155.0720, -2.0075, 84.1289

Monochromacy



Original Color

154.3370, 23.0049, 88.2815



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

154.0870, 8.3381, 32.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3370, 23.0049, 88.2815 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, 94, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 201)  
}
```

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, 94, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 201) }
```

Border

The CSS property to change the border of an element to YUV 154.3370, 23.0049, 88.2815 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, 94, 201) }
```


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

```
.border{ border-color:rgb(255, 94, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 154.3370, 23.0049, 88.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 201) }
```

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

```
.background{ background-color: rgb(255, 94,  
201) }
```

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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