

Converting Colors

YUV(154.6960, 21.8419,
87.9666)

Have a look what the booklet for
YUV(154.6960, 21.8419, 87.9666)
contains.

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Color

**YUV(154.6960, 21.8419,
87.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FC7
RGB	255, 95, 199
RGB Percent	100%, 37%, 78%
CMY	0.0000, 0.6275, 0.2196
CMYK	0.00, 0.63, 0.22, 0.00
HSL	321°, 100%, 69%
HSV	321°, 63%, 100%
XYZ	55.6410, 33.5679, 57.5795
YIQ	154.6960, 61.9760, 66.2640

Conversions

Conversions Part 2

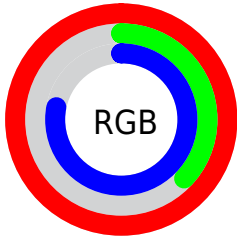
Format	Color
R _Y B	255, 95, 199
Decimal	16736199
CIE Lab	64.62, 70.78, -22.74
CIE LCh	65, 74.339, 342.191
Yxy	33.5679, 0.3791, 0.2287
Android (android.graphics.Color)	4294926279 (0xFFFF5FC7)
YUV	154.6960, 21.8419, 87.9666
Hunter-Lab	57.9378, 70.0325, -18.3668

Details

The YUV color **154.6960, 21.8419, 87.9666** 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 **195.3040, -21.8419, -87.9666**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 29.2285, 51.9947**, and **89.5100, 27.3566, 92.5147** is the 20% darker color. If you saturate the color by 10%, you get **138.4080, 25.4349, 102.2512**, and if you desaturate by 10%, it is **170.9840, 18.2489, 73.6820**.

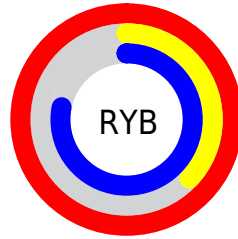
Distribution



Red (100%)

Green (37%)

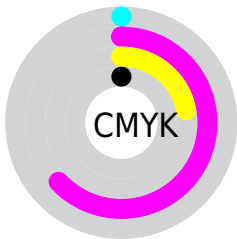
Blue (78%)



Red (100%)

Yellow (37%)

Blue (78%)

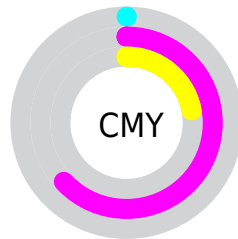


Cyan (0%)

Magenta (63%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.6960, 21.8419, 87.9666 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 154.6960, 21.8419, 87.9666 by changing the saturation by 10% instead.


 154.6960, 21.8419,
87.9666


 154.6960, 21.8419,
87.9666


255.0000, 0.0000,
0.0000


 124.4510, 23.4417,
88.1815


 195.7130, 29.2285,
51.9947

 89.5100, 27.3566,
92.5147


 212.7360, 20.8362,
37.0655


 62.9010, 27.6568,
89.5408

 229.7590, 12.4438,
22.1364

 51.3800, 21.0117,
74.2117

 247.3690, 3.7621,
6.6924

 39.9730, 14.8033,
58.7827

 29.0930, 9.3212,
43.7684

 18.5120, 3.6916,

29.3690

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 154.6960, 21.8419,
87.9666

■ 154.6960, 21.8419,
87.9666

■ 138.4080, 25.4349,
102.2512

■ 170.9840, 18.2489,
73.6820

■ 122.7070, 28.7384,
116.0210


■ 186.6850, 14.9453,
59.9123


■ 106.4190, 32.3314,
130.3055

■ 202.9730, 11.3523,
45.6277

■ 95.1690, 34.9197,
140.1718

■ 218.6740, 8.0487,
31.8579

 234.9620, 4.4557,
17.5733

 250.6630, 1.1521,
3.8035

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.



160.7390, 46.4707, 28.2929



154.6960, 21.8419, 87.9666



141.7750, -4.8191, 99.2983

Triad

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



154.6960, 21.8419, 87.9666



143.8310, -70.9087, 16.8112



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.



154.6960, 21.8419, 87.9666



195.3040, -21.8419, -87.9666

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.



130.6310, 25.8179, -114.5634



154.6960, 21.8419, 87.9666



134.8570, -43.8065, -42.8476

Square

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



154.6960, 21.8419, 87.9666



147.3730, -72.6549, 63.6939



121.4770, -4.1792, -106.5353



131.7950, 60.7401, -115.5842

Rectangle

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



154.6960, 21.8419, 87.9666



144.6180, -26.9267, 96.8050



121.4770, -4.1792, -106.5353



134.9460, 44.8896, -118.3476

Sweetspot

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



154.6960, 21.8419, 87.9666



224.8860, 6.4652, 26.4100



129.9840, 61.6329, 18.4310



109.1360, 3.8770, 16.5437



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.



154.6960, 21.8419, 87.9666



135.2450, 26.0082, 105.0251



145.5760, -13.1020, 95.9648



119.7990, 1.5781, 7.1923



71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Inverse Universe

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



154.6960, 21.8419, 87.9666



135.2450, 26.0082, 105.0251



204.4240, 13.1020, -95.9648



119.7990, 1.5781, 7.1923



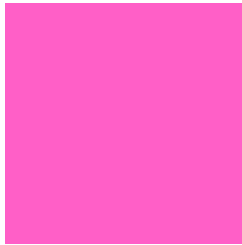
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 154.6960, 21.8419, 87.9666 looks on a white background.

Color Contrast Check

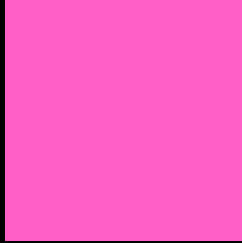
Large Text (above 18pt) WCAG AA × Fail

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 154.6960, 21.8419, 87.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

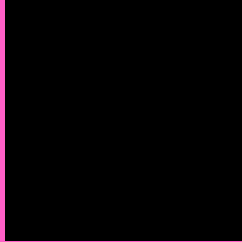
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.6960, 21.8419, 87.9666

Background



This preview shows how black text looks on a background with the YUV color 154.6960, 21.8419, 87.9666.



This preview shows how white text looks on a background with the YUV color 154.6960, 21.8419, 87.9666.

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

154.6960, 21.8419, 87.9666

Protanopia

155.2900, 43.7340, -27.4413

Deuteranopia

158.7020, 15.4299, -2.3697



Tritanopia

154.9780, -16.2582, 81.5803

Trichromacy



Original Color

154.6960, 21.8419, 87.9666



Protanomaly

155.4910, 35.7469, 14.4784



Deuteranomaly

157.4810, 17.5109, 30.2732



Tritanomaly

154.9580, -2.4443, 84.2288

Monochromacy



Original Color

154.6960, 21.8419, 87.9666



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.6740, 8.0487, 31.8579

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6960, 21.8419, 87.9666 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, 95, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 199)  
}
```

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, 95, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 199) }
```

Border

The CSS property to change the border of an element to YUV 154.6960, 21.8419, 87.9666 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, 95, 199) }
```


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

```
.border{ border-color:rgb(255, 95, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 154.6960, 21.8419, 87.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 199) }
```

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

```
.background{ background-color: rgb(255, 95,  
199) }
```

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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