

Converting Colors

YUV(147.0580, -7.4236,
94.6651)

Have a look what the booklet for
YUV(147.0580, -7.4236, 94.6651)
contains.

YUV(147.0580, -7.4236, 94.6651)	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(147.0580, -7.4236,
94.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F84
RGB	255, 95, 132
RGB Percent	100%, 37%, 52%
CMY	0.0000, 0.6275, 0.4824
CMYK	0.00, 0.63, 0.48, 0.00
HSL	346°, 100%, 69%
HSV	346°, 63%, 100%
XYZ	49.4971, 31.1104, 25.2259
YIQ	147.0580, 83.4830, 45.4270

Conversions

Conversions Part 2

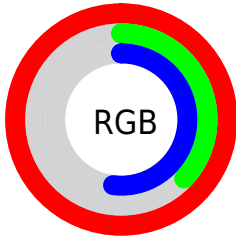
Format	Color
R _Y B	255, 95, 132
Decimal	16736132
CIE Lab	62.60, 63.47, 12.68
CIE LCh	63, 64.728, 11.299
Yxy	31.1104, 0.4677, 0.2940
Android (android.graphics.Color)	4294926212 (0xFFFF5F84)
YUV	147.0580, -7.4236, 94.6651
Hunter-Lab	55.7767, 60.7945, 12.2288

Details

The YUV color **147.0580, -7.4236, 94.6651** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **202.9420, 7.4236, -94.6651**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5590, -0.7686, 60.0228**, and **84.7790, -0.8770, 94.9098** is the 20% darker color. If you saturate the color by 10%, you get **129.5160, -8.6354, 110.0495**, and if you desaturate by 10%, it is **164.6000, -6.2118, 79.2808**.

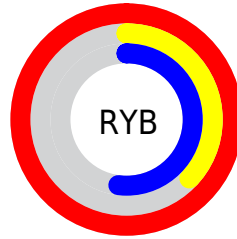
Distribution



Red (100%)

Green (37%)

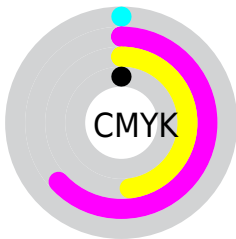
Blue (52%)



Red (100%)

Yellow (37%)

Blue (52%)

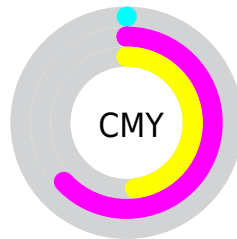


Cyan (0%)

Magenta (63%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0580, -7.4236, 94.6651 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 147.0580, -7.4236, 94.6651 by changing the saturation by 10% instead.


 147.0580, -7.4236,
94.6651

 147.0580, -7.4236,
94.6651


255.0000, 0.0000,
0.0000


 117.3290, -5.0922,
93.5505


 186.5590, -0.7686,
60.0228


 84.7790, -0.8770,
94.9098


 206.6600, 2.6326,
42.3942


 55.2780, 2.3279,
93.5952

 226.9890, 6.9074,
24.5656

 43.9140, -2.4226,
77.2514

 246.1950, 4.3409,
7.7220

 32.9630, -6.8838,
61.4224

 22.3540, -10.0345,
45.2935

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 147.0580, -7.4236,
94.6651

■ 147.0580, -7.4236,
94.6651

■ 129.5160, -8.6354,
110.0495

■ 164.6000, -6.2118,
79.2808

■ 112.6750, -9.6998,
124.8190

■ 181.4410, -5.1474,
64.5112

■ 95.1330, -10.9116,
140.2034

■ 198.9830, -3.9356,
49.1269

■ 82.9710, -11.8177,
150.8694

■ 215.8240, -2.8712,
34.3574

■ 233.3660, -1.6594,
18.9730

250.3210, -0.1583,
4.1035

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.



152.0980, 18.6857, 73.5821



147.0580, -7.4236, 94.6651



146.7060, -33.8721, 84.4498

Triad

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



147.0580, -7.4236, 94.6651



134.5190, -37.7239, -33.7812



127.6860, 62.7658, -111.9806

Complementary

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



147.0580, -7.4236, 94.6651



202.9420, 7.4236, -94.6651

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.



129.0760, 47.7835, -113.1997



147.0580, -7.4236, 94.6651



116.0800, -2.0114, -101.8022

Square

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



147.0580, -7.4236, 94.6651



141.2360, -61.7413, 16.4560



124.6810, 23.3283, -109.3452



138.0390, 57.6618, -61.4242

Rectangle

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



147.0580, -7.4236, 94.6651



146.5840, -49.0949, 67.0168



124.6810, 23.3283, -109.3452



129.1050, 60.5872, -113.2251

Sweetspot

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



147.0580, -7.4236, 94.6651



222.6060, -2.2708, 28.4095



150.0170, 51.7566, 59.6211



107.7680, -1.3646, 17.7435



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.



147.0580, -7.4236, 94.6651



126.1250, -8.9356, 113.0234



168.0810, -36.0289, 76.2280



119.2290, -0.6059, 7.6922



62.1250, -8.9356, 113.0234



20.8460, -2.8821, 37.8461

Inverse Universe

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



147.0580, -7.4236, 94.6651



126.1250, -8.9356, 113.0234



181.9190, 36.0289, -76.2280



119.2290, -0.6059, 7.6922



62.1250, -8.9356, 113.0234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 147.0580, -7.4236, 94.6651 looks on a white background.

Color Contrast Check

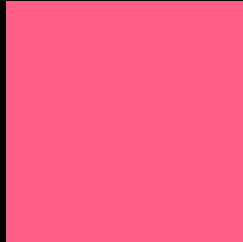
Large Text (above 18pt) WCAG AA × Fail

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 147.0580, -7.4236, 94.6651 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 147.0580, -7.4236, 94.6651

Background



This preview shows how black text looks on a background with the YUV color 147.0580, -7.4236, 94.6651.



This preview shows how white text looks on a background with the YUV color 147.0580, -7.4236,

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

147.0580, -7.4236, 94.6651

Protanopia

152.2540, 4.8048, -1.0998

Deuteranopia

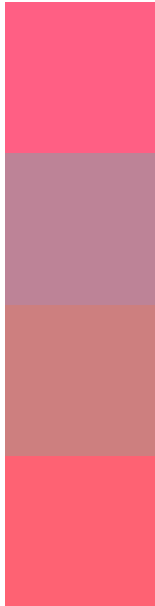
152.4620, -14.0318, 20.6428



Tritanopia

146.4310, -19.9325, 93.4610

Trichromacy



Original Color

147.0580, -7.4236, 94.6651

Protanomaly

150.6220, 0.1864, 33.6575

Deuteranomaly

150.3220, -11.4977, 47.9526

Tritanomaly

146.5820, -15.5699, 94.2056

Monochromacy



Original Color

147.0580, -7.4236, 94.6651

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9380, -2.4344, 34.2574

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0580, -7.4236, 94.6651 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 132) }
```

Border

The CSS property to change the border of an element to YUV 147.0580, -7.4236, 94.6651 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, 132) }
```


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

```
.border{ border-color:rgb(255, 95, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 147.0580, -7.4236, 94.6651 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, 132) }
```

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

```
.background{ background-color: rgb(255, 95,  
132) }
```

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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