

Converting Colors

YUV(147.4510, -13.5333,
94.3205)

Have a look what the booklet for
YUV(147.4510, -13.5333, 94.3205)
contains.

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Color

**YUV(147.4510, -13.5333,
94.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6278
RGB	255, 98, 120
RGB Percent	100%, 38%, 47%
CMY	0.0000, 0.6157, 0.5294
CMYK	0.00, 0.62, 0.53, 0.00
HSL	352°, 100%, 69%
HSV	352°, 62%, 100%
XYZ	48.9978, 31.3514, 21.2383
YIQ	147.4510, 86.5100, 40.1260

Conversions

Conversions Part 2

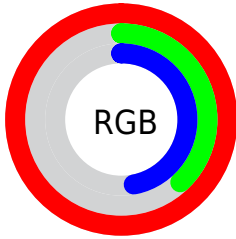
Format	Color
R _Y B	255, 98, 120
Decimal	16736888
CIE Lab	62.80, 61.24, 19.88
CIE LCh	63, 64.389, 17.983
Yxy	31.3514, 0.4823, 0.3086
Android (android.graphics.Color)	4294926968 (0xFFFF6278)
YUV	147.4510, -13.5333, 94.3205
Hunter-Lab	55.9923, 58.2154, 16.7056

Details

The YUV color **147.4510, -13.5333, 94.3205** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **205.5490, 13.5333, -94.3205**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8380, -7.3151, 59.7781**, and **87.0470, -7.4182, 92.9208** is the 20% darker color. If you saturate the color by 10%, you get **130.2680, -15.9081, 109.3900**, and if you desaturate by 10%, it is **164.6340, -11.1586, 79.2510**.

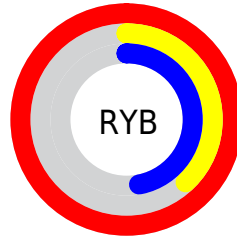
Distribution



Red (100%)

Green (38%)

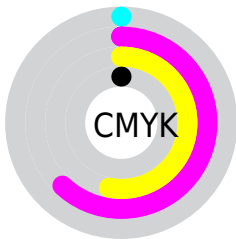
Blue (47%)



Red (100%)

Yellow (38%)

Blue (47%)

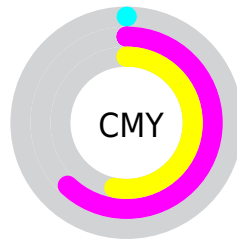


Cyan (0%)

Magenta (62%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.4510, -13.5333, 94.3205 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 147.4510, -13.5333, 94.3205 by changing the saturation by 10% instead.

■ 147.4510,
-13.5333, 94.3205

■ 147.4510,
-13.5333, 94.3205

■ 255.0000, 0.0000,
0.0000

■ 118.3090,
-11.4913, 92.6910

■ 186.8380, -7.3151,
59.7781

■ 87.0470, -7.4182,
92.9208

■ 206.3520, -3.6245,
42.6643

■ 54.1380, -2.0400,
94.5950

■ 227.1540, -0.0759,
24.4209

■ 42.7740, -6.7906,
78.2512

■ 247.3690, 3.7621,
6.6924

■ 30.9540, -13.2883,
62.3073

■ 22.0550, -9.8871,
44.6788

■ 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 147.4510,
-13.5333, 94.3205

■ 147.4510,
-13.5333, 94.3205

■ 130.2680,
-15.9081, 109.3900

■ 164.6340,
-11.1586, 79.2510

■ 112.4980,
-17.9935, 124.9743

■ 182.4040, -9.0732,
63.6667

■ 95.3150, -20.3683,
140.0437

■ 200.1740, -6.9878,
48.0824

■ 80.3490, -21.8641,
153.1689

■ 217.3570, -4.6130,
33.0129

■ 235.1270, -2.5276,
17.4286

252.3100, -0.1528,
2.3591

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.



151.2470, 12.6962, 81.3444



147.4510, -13.5333, 94.3205



147.5930, -39.2393, 79.2869

Triad

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



147.4510, -13.5333, 94.3205



131.6790, -30.4077, -47.0765



125.9250, 63.6340, -110.4362

Complementary

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



147.4510, -13.5333, 94.3205



205.5490, 13.5333, -94.3205

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.



129.6290, 52.4409, -113.6846



147.4510, -13.5333, 94.3205



118.2630, 3.8143, -103.7167

Square

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



147.4510, -13.5333, 94.3205



141.0220, -57.1988, 6.1197



126.2770, 29.4434, -110.7449



146.4660, 53.5073, -35.4887

Rectangle

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



147.4510, -13.5333, 94.3205



146.5030, -52.9990, 59.1949



126.2770, 29.4434, -110.7449



128.2730, 62.4764, -112.4954

Sweetspot

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



147.4510, -13.5333, 94.3205



223.5520, -3.7231, 27.5799



155.6650, 48.9722, 66.0688



108.1270, -2.5276, 17.4286



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.



147.4510, -13.5333, 94.3205



125.5890, -16.0664, 113.4934



177.2280, -39.0594, 68.2060



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Inverse Universe

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



147.4510, -13.5333, 94.3205



125.5890, -16.0664, 113.4934



175.7720, 39.0594, -68.2060



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 147.4510, -13.5333, 94.3205 looks on a white background.

Color Contrast Check

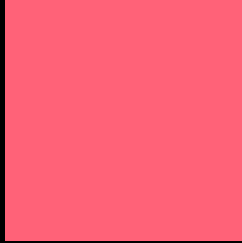
Large Text (above 18pt) WCAG AA × Fail

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 147.4510, -13.5333, 94.3205 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 147.4510, -13.5333, 94.3205

Background



This preview shows how black text looks on a background with the YUV color 147.4510, -13.5333, 94.3205.



This preview shows how white text looks on a background with the YUV color 147.4510, -13.5333, 94.3205.

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

147.4510, -13.5333, 94.3205

Protanopia

152.5120, -3.2104, 3.0590

Deuteranopia

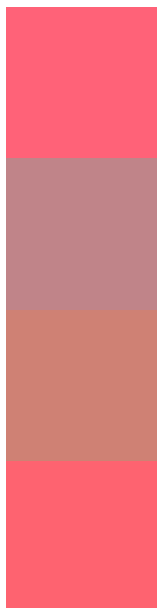
152.4040, -19.4262, 24.2017



Tritanopia

146.8440, -19.6431, 93.9758

Trichromacy



Original Color

147.4510, -13.5333, 94.3205

Protanomaly

150.5100, -6.6604, 36.3867

Deuteranomaly

150.8400, -17.1761, 49.2523

Tritanomaly

146.8270, -17.1697, 93.9907

Monochromacy



Original Color

147.4510, -13.5333, 94.3205

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9550, -4.9078, 34.2425

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.4510, -13.5333, 94.3205 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, 98, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 120)  
}
```

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, 98, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 120) }
```

Border

The CSS property to change the border of an element to YUV 147.4510, -13.5333, 94.3205 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, 98, 120) }
```


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

```
.border{ border-color:rgb(255, 98, 120) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 147.4510, -13.5333, 94.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 120) }
```

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

```
.background{ background-color: rgb(255, 98,  
120) }
```

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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