

Converting Colors

YUV(147.4350, -15.9905,
89.0725)

Have a look what the booklet for
YUV(147.4350, -15.9905, 89.0725)
contains.

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Color

**YUV(147.4350, -15.9905,
89.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	F96673
RGB	249, 102, 115
RGB Percent	98%, 40%, 45%
CMY	0.0235, 0.6000, 0.5490
CMYK	0.00, 0.59, 0.54, 0.02
HSL	355°, 92%, 69%
HSV	355°, 59%, 98%
XYZ	46.9128, 30.8803, 19.7076
YIQ	147.4350, 83.4390, 35.2070

Conversions

Conversions Part 2

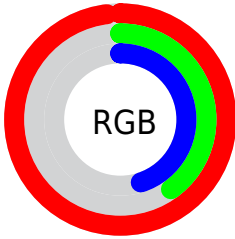
Format	Color
R_{YB}	249, 102, 115
Decimal	16344691
CIE _{Lab}	62.41, 57.18, 22.05
CIE _{LCh}	62, 61.289, 21.087
Yxy	30.8803, 0.4812, 0.3167
Android (android.graphics.Color)	4294534771 (0xFFFF96673)
YUV	147.4350, -15.9905, 89.0725
Hunter-Lab	55.5700, 53.4440, 17.8722

Details

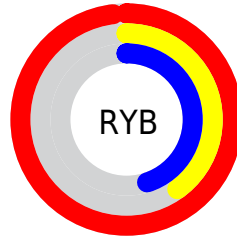
The YUV color **147.4350, -15.9905, 89.0725** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **203.5650, 15.9905, -89.0725**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0290, -10.3673, 58.7336**, and **89.3790, -11.0328, 85.6136** is the 20% darker color. If you saturate the color by 10%, you get **130.1380, -18.8020, 104.2420**, and if you desaturate by 10%, it is **164.7320, -13.1789, 73.9030**.

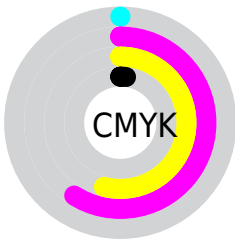
Distribution



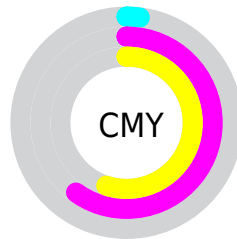
- Red (98%)
- Green (40%)
- Blue (45%)



- Red (98%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (59%)
- Yellow (54%)
- Black (2%)




- Cyan (2%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.4350, -15.9905, 89.0725 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 147.4350, -15.9905, 89.0725 by changing the saturation by 10% instead.


 147.4350,
-15.9905, 89.0725

 147.4350,
-15.9905, 89.0725


255.0000, 0.0000,
0.0000

 118.9940,
-13.8010, 86.8283


 188.0290,
-10.3673, 58.7336


 89.3790, -11.0328,
85.6136


 207.5430, -6.6767,
41.6198


 52.0730, -3.4870,
92.0210

 227.7580, -2.8387,
23.8912

 40.8230, -7.8007,
75.5772

 248.5600, 0.7099,
5.6479

 29.0030, -14.2985,
59.6334

 20.5600, -9.1501,
41.6049

 11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 147.4350,
-15.9905, 89.0725

■ 147.4350,
-15.9905, 89.0725

■ 130.1380,
-18.8020, 104.2420

■ 164.7320,
-13.1789, 73.9030

■ 112.9550,
-21.1768, 119.3115

■ 181.9150,
-10.8041, 58.8335

■ 95.6580, -23.9884,
134.4809

■ 199.2120, -7.9925,
43.6641

■ 78.3610, -26.8000,
149.6504

■ 216.5090, -5.1809,
28.4946

■ 76.9590, -27.0948,
150.8800

■ 233.6920, -2.8062,
13.4251

250.4020, 0.2948,
-1.2296

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



150.7260, 9.5021, 79.1703



147.4350, -15.9905, 89.0725



147.4350, -39.6545, 72.4095

Triad

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



147.4350, -15.9905, 89.0725



130.6230, -25.4501, -50.5354



124.1640, 64.5021, -108.8918

Complementary

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



147.4350, -15.9905, 89.0725



203.5650, 15.9905, -89.0725

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.



128.3410, 52.5829, -112.5551



147.4350, -15.9905, 89.0725



118.3600, 6.7245, -103.8017

Square

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



147.4350, -15.9905, 89.0725



140.5960, -51.0728, 1.2313



125.3310, 30.8958, -109.9153



148.9620, 51.2907, -24.5227

Rectangle

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



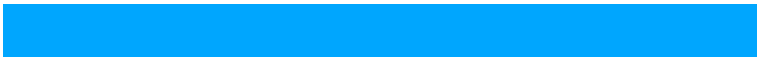
147.4350, -15.9905, 89.0725



146.3990, -51.9617, 53.1471



125.3310, 30.8958, -109.9153



126.3980, 62.9078, -110.8510

Sweetspot

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



147.4350, -15.9905, 89.0725



223.2100, -5.0335, 27.8798



158.2260, 44.7516, 66.4538



108.0130, -2.9644, 17.5286



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.



147.4350, -15.9905, 89.0725



129.9430, -19.6919, 109.6750



180.5860, -38.7429, 59.9991



116.1150, -1.0427, 7.7921



58.4490, -20.4344, 114.4932



18.8090, -6.8078, 37.0015

Inverse Universe

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



147.4350, -15.9905, 89.0725



129.9430, -19.6919, 109.6750



170.4140, 38.7429, -59.9991



116.1150, -1.0427, 7.7921



58.4490, -20.4344, 114.4932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 147.4350, -15.9905, 89.0725 looks on a white background.

Color Contrast Check

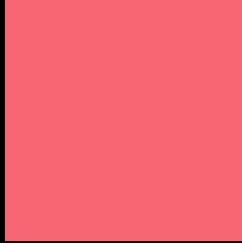
Large Text (above 18pt) WCAG AA × Fail

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 147.4350, -15.9905, 89.0725 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 147.4350, -15.9905, 89.0725

Background



This preview shows how black text looks on a background with the YUV color 147.4350, -15.9905, 89.0725.



This preview shows how white text looks on a background with the YUV color 147.4350, -15.9905, 89.0725.

89.0725.

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

147.4350, -15.9905, 89.0725

Protanopia

151.3120, -6.5628, 4.9884

Deuteranopia

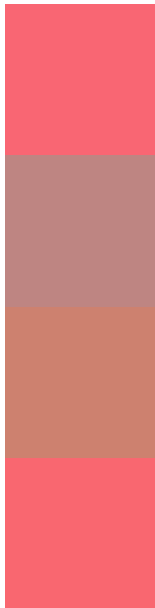
151.2470, -21.3208, 25.2164



Tritanopia

147.4520, -18.4638, 89.0576

Trichromacy



Original Color

147.4350, -15.9905, 89.0725

Protanomaly

149.7010, -9.7126, 35.3422

Deuteranomaly

149.6720, -19.0653, 48.5227

Tritanomaly

147.6800, -17.5902, 88.8576

Monochromacy



Original Color

147.4350, -15.9905, 89.0725

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.3030, -6.0654, 32.1833

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.4350, -15.9905, 89.0725 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(249, 102, 115)` looks like.

```
.text, #text, p{  
    color:rgb(249, 102, 115)  
}
```

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(249, 102, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 102, 115) }
```

Border

The CSS property to change the border of an element to YUV 147.4350, -15.9905, 89.0725 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(249, 102, 115) }
```


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

```
.border{ border-color:rgb(249, 102, 115) }
```

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

Here you see how a box with a 4 pixel rgb(249, 102, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 102, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 102, 115);  
box-shadow:4px 4px 4px 4px rgb(249, 102,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 147.4350, -15.9905, 89.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 102, 115) }
```

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

```
.background{ background-color: rgb(249,  
102, 115) }
```

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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