

Converting Colors

YUV(147.9870, -6.4026,
93.8504)

Have a look what the booklet for
YUV(147.9870, -6.4026, 93.8504)
contains.

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Color

**YUV(147.9870, -6.4026,
93.8504)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6087
RGB	255, 96, 135
RGB Percent	100%, 38%, 53%
CMY	0.0000, 0.6235, 0.4706
CMYK	0.00, 0.62, 0.47, 0.00
HSL	345°, 100%, 69%
HSV	345°, 62%, 100%
XYZ	49.7960, 31.3750, 26.3531
YIQ	147.9870, 82.2450, 45.8370

Conversions

Conversions Part 2

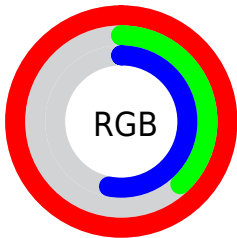
Format	Color
R _Y B	255, 96, 135
Decimal	16736391
CIE Lab	62.82, 63.32, 11.26
CIE LCh	63, 64.317, 10.085
Yxy	31.3750, 0.4631, 0.2918
Android (android.graphics.Color)	4294926471 (0xFFFF6087)
YUV	147.9870, -6.4026, 93.8504
Hunter-Lab	56.0134, 60.6635, 11.3147

Details

The YUV color $147.9870, -6.4026, 93.8504$ is a light color, and the websafe version is hex $FF6699$. A complement of this color would be $203.0130, 6.4026, -93.8504$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.4880, 0.2524, 59.2080$, and $86.2950, -0.1454, 93.5803$ is the 20% darker color. If you saturate the color by 10%, you get $131.1460, -7.4670, 108.6200$, and if you desaturate by 10%, it is $165.4150, -5.6276, 78.5660$.

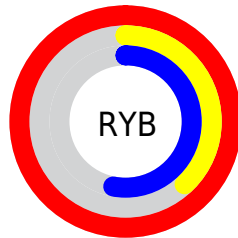
Distribution



Red (100%)

Green (38%)

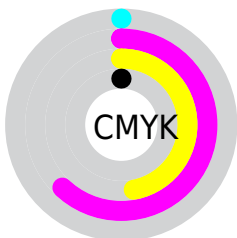
Blue (53%)



Red (100%)

Yellow (38%)

Blue (53%)

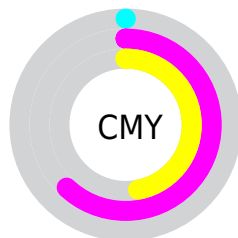


Cyan (0%)

Magenta (62%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.9870, -6.4026, 93.8504 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 147.9870, -6.4026, 93.8504 by changing the saturation by 10% instead.


 147.9870, -6.4026,
93.8504

 147.9870, -6.4026,
93.8504


255.0000, 0.0000,
0.0000


 118.2580, -4.0712,
92.7357


 187.4880, 0.2524,
59.2080


 86.2950, -0.1454,
93.5803


 207.7030, 4.0904,
41.4795


 55.9190, 3.4909,
93.9100

 227.9180, 7.9284,
23.7509

 44.4410, -1.6964,
77.6662

 246.7820, 4.0515,
7.2072

 33.1910, -6.0102,
61.2225

 22.6530, -10.1819,
45.9083

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 147.9870, -6.4026,
93.8504

■ 147.9870, -6.4026,
93.8504

■ 131.1460, -7.4670,
108.6200

■ 165.4150, -5.6276,
78.5660

■ 113.7180, -8.2420,
123.9043

■ 182.2560, -4.5632,
63.7965

■ 96.7630, -9.7432,
138.7738

■ 199.7980, -3.3514,
48.4122

■ 83.4270, -10.0705,
150.4695

■ 216.6390, -2.2870,
33.6426

■ 234.0670, -1.5120,
18.3582

250.9080, -0.4476,
3.5887

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.



153.2010, 19.1279, 71.7377



147.9870, -6.4026, 93.8504



147.6460, -32.8565, 85.3795

Triad

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



147.9870, -6.4026, 93.8504



135.6010, -38.7503, -31.2221



128.2730, 62.4764, -112.4954

Complementary

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



147.9870, -6.4026, 93.8504



203.0130, 6.4026, -93.8504

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.



129.4350, 46.6205, -113.5145



147.9870, -6.4026, 93.8504



115.9660, -2.4482, -101.7022

Square

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



147.9870, -6.4026, 93.8504



141.7740, -61.0206, 18.6152



124.4530, 22.4547, -109.1453



136.5330, 58.4042, -66.2424

Rectangle

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



147.9870, -6.4026, 93.8504



147.5240, -48.0793, 67.9465



124.4530, 22.4547, -109.1453



129.5780, 59.8610, -113.6399

Sweetspot

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



147.9870, -6.4026, 93.8504



222.6060, -2.2708, 28.4095



149.7070, 51.9094, 57.2620



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.



147.9870, -6.4026, 93.8504



126.4670, -7.6252, 112.7234



167.0210, -35.0134, 77.1576



119.2290, -0.6059, 7.6922



62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Inverse Universe

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



147.9870, -6.4026, 93.8504



126.4670, -7.6252, 112.7234



183.9790, 35.0134, -77.1576



119.2290, -0.6059, 7.6922



62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 147.9870, -6.4026, 93.8504 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 147.9870, -6.4026, 93.8504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

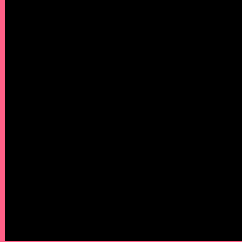
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.9870, -6.4026, 93.8504

Background



This preview shows how black text looks on a background with the YUV color 147.9870, -6.4026, 93.8504.



This preview shows how white text looks on a background with the YUV color 147.9870, -6.4026,

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

147.9870, -6.4026, 93.8504

Protanopia

152.5960, 6.1152, -1.3997

Deuteranopia

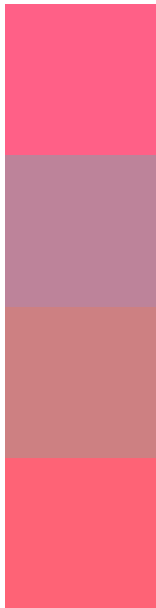
152.8040, -12.7214, 20.3429



Tritanopia

147.2460, -19.3483, 92.7463

Trichromacy



Original Color

147.9870, -6.4026, 93.8504

Protanomaly

150.9640, 1.4967, 33.3576

Deuteranomaly

151.2510, -10.4767, 47.1379

Tritanomaly

147.5110, -14.5489, 93.3909

Monochromacy



Original Color

147.9870, -6.4026, 93.8504

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9380, -2.4344, 34.2574

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.9870, -6.4026, 93.8504 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, 96, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 135)  
}
```

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, 96, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 135) }
```

Border

The CSS property to change the border of an element to YUV 147.9870, -6.4026, 93.8504 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, 96, 135) }
```


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

```
.border{ border-color:rgb(255, 96, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 96, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 96, 135); box-shadow:4px 4px 4px 4px rgb(255, 96, 135) }
```

Background

The CSS property to change the background color of an element to YUV 147.9870, -6.4026, 93.8504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 135) }
```

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

```
.background{ background-color: rgb(255, 96,  
135) }
```

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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