

Converting Colors

YUV(147.4720, -12.0647,
89.9171)

Have a look what the booklet for
YUV(147.4720, -12.0647, 89.9171)
contains.

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Color

**YUV(147.4720, -12.0647,
89.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	FA647B
RGB	250, 100, 123
RGB Percent	98%, 39%, 48%
CMY	0.0196, 0.6078, 0.5176
CMYK	0.00, 0.60, 0.51, 0.02
HSL	351°, 94%, 69%
HSV	351°, 60%, 98%
XYZ	47.5567, 30.8684, 22.1906
YIQ	147.4720, 82.0170, 38.9530

Conversions

Conversions Part 2

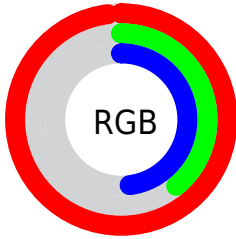
Format	Color
R _Y B	250, 100, 123
Decimal	16409723
CIE Lab	62.40, 59.03, 17.47
CIE LCh	62, 61.558, 16.486
Yxy	30.8684, 0.4727, 0.3068
Android (android.graphics.Color)	4294599803 (0xFFFA647B)
YUV	147.4720, -12.0647, 89.9171
Hunter-Lab	55.5593, 55.5603, 15.2109

Details

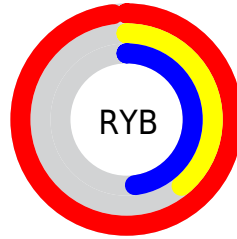
The YUV color **147.4720, -12.0647, 89.9171** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **202.5280, 12.0647, -89.9171**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7670, -6.2941, 58.9633**, and **88.2420, -6.5283, 87.4878** is the 20% darker color. If you saturate the color by 10%, you get **130.4030, -14.0027, 104.8866**, and if you desaturate by 10%, it is **164.5410, -10.1267, 74.9475**.

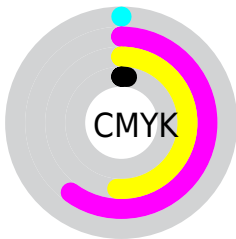
Distribution



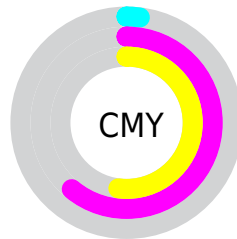
- Red (98%)
- Green (39%)
- Blue (48%)



- Red (98%)
- Yellow (39%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (51%)
- Black (2%)



- Cyan (2%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.4720, -12.0647, 89.9171 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 147.4720, -12.0647, 89.9171 by changing the saturation by 10% instead.


 147.4720,
-12.0647, 89.9171


 147.4720,
-12.0647, 89.9171


255.0000, 0.0000,
0.0000


 118.3300,
-10.0227, 88.2876


 187.7670, -6.2941,
58.9633


 88.2420, -6.5283,
87.4878


 207.9820, -2.4561,
41.2348


 53.1700, -0.5768,
91.9359

 228.1970, 1.3819,
23.5062

 41.8060, -5.3274,
75.5921

 247.9560, 3.4727,
6.1776

 30.2140, -10.9515,
59.4483

 21.1580, -9.4449,
42.8344

 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 147.4720,
-12.0647, 89.9171

■ 147.4720,
-12.0647, 89.9171

■ 130.4030,
-14.0027, 104.8866

■ 164.5410,
-10.1267, 74.9475

■ 113.3340,
-15.9407, 119.8561

■ 181.6100, -8.1887,
59.9780

■ 96.1510, -18.3154,
134.9256

■ 198.7930, -5.8139,
44.9085

■ 79.0820, -20.2534,
149.8951

■ 215.8620, -3.8760,
29.9390

■ 232.9310, -1.9380,
14.9695

250.0000, 0.0000,
0.0000

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



151.6160, 13.0073, 74.8818



147.4720, -12.0647, 89.9171



147.2660, -36.6131, 76.9427

Triad

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



147.4720, -12.0647, 89.9171



133.0110, -30.5714, -41.2286



125.3380, 63.9234, -109.9214

Complementary

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



147.4720, -12.0647, 89.9171



202.5280, 12.0647, -89.9171

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.



128.2440, 49.6727, -112.4700



147.4720, -12.0647, 89.9171



116.7470, 3.0827, -102.3871

Square

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



147.4720, -12.0647, 89.9171



140.6570, -53.5679, 8.1938



124.4190, 27.4014, -109.1155



146.1560, 53.6601, -37.8478

Rectangle

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



147.4720, -12.0647, 89.9171



146.4150, -49.5046, 58.3950



124.4190, 27.4014, -109.1155



127.2300, 61.0186, -111.5807

Sweetspot

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



147.4720, -12.0647, 89.9171



223.5520, -3.7231, 27.5799



154.4750, 47.0938, 61.8504



108.2410, -2.0908, 17.3286



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.



147.4720, -12.0647, 89.9171



129.3220, -14.4557, 110.2196



174.2000, -36.5806, 66.4766



116.1150, -1.0427, 7.7921



59.8170, -15.1928, 113.2935



19.2650, -5.0606, 36.6016

Inverse Universe

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



147.4720, -12.0647, 89.9171



129.3220, -14.4557, 110.2196



175.8000, 36.5806, -66.4766



116.1150, -1.0427, 7.7921



59.8170, -15.1928, 113.2935



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 147.4720, -12.0647, 89.9171 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 147.4720, -12.0647, 89.9171 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 147.4720, -12.0647, 89.9171

Background



This preview shows how black text looks on a background with the YUV color 147.4720, -12.0647, 89.9171.



This preview shows how white text looks on a background with the YUV color 147.4720, -12.0647, 89.9171.

89.9171.

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

147.4720, -12.0647, 89.9171

Protanopia

151.6690, -1.3158, 2.0443

Deuteranopia

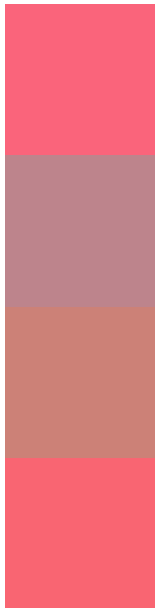
151.5610, -17.5316, 23.1870



Tritanopia

146.7510, -18.6112, 89.6724

Trichromacy



Original Color

147.4720, -12.0647, 89.9171

Protanomaly

149.9550, -4.9078, 34.2425

Deuteranomaly

150.2850, -15.4235, 47.1081

Tritanomaly

146.7340, -16.1379, 89.6873

Monochromacy



Original Color

147.4720, -12.0647, 89.9171

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0580, -4.4656, 32.3981

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.4720, -12.0647, 89.9171 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(250, 100, 123)` looks like.

```
.text, #text, p{  
    color:rgb(250, 100, 123)  
}
```

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(250, 100, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 100, 123) }
```

Border

The CSS property to change the border of an element to YUV 147.4720, -12.0647, 89.9171 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(250, 100, 123) }
```


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

```
.border{ border-color:rgb(250, 100, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 100, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 100, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 100, 123);  
box-shadow:4px 4px 4px 4px rgb(250, 100,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 147.4720, -12.0647, 89.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 100, 123) }
```

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

```
.background{ background-color: rgb(250,  
100, 123) }
```

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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