

Converting Colors

YUV(147.5500, -0.2712,
87.2176)

Have a look what the booklet for
YUV(147.5500, -0.2712, 87.2176)
contains.

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Color

**YUV(147.5500, -0.2712,
87.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	F76193
RGB	247, 97, 147
RGB Percent	97%, 38%, 58%
CMY	0.0314, 0.6196, 0.4235
CMYK	0.00, 0.61, 0.40, 0.03
HSL	340°, 90%, 67%
HSV	340°, 61%, 97%
XYZ	47.8989, 30.4301, 30.9528
YIQ	147.5500, 73.3500, 47.3500

Conversions

Conversions Part 2

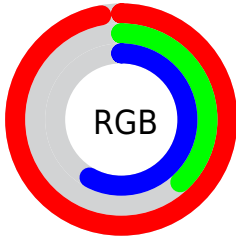
Format	Color
R_{YB}	247, 97, 147
Decimal	16212371
CIE _{Lab}	62.02, 61.58, 3.02
CIE _{LCh}	62, 61.658, 2.806
Yxy	30.4301, 0.4383, 0.2785
Android (android.graphics.Color)	4294402451 (0xFFFF76193)
YUV	147.5500, -0.2712, 87.2176
Hunter-Lab	55.1635, 58.4569, 5.3462

Details

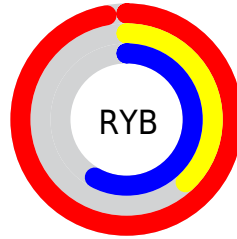
The YUV color **147.5500, -0.2712, 87.2176** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **196.4500, 0.2711, -87.2177**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5570, 5.6414, 57.3935**, and **87.2170, 4.8230, 86.6327** is the 20% darker color. If you saturate the color by 10%, you get **131.0510, -0.0251, 101.6873**, and if you desaturate by 10%, it is **164.0490, -0.5172, 72.7480**.

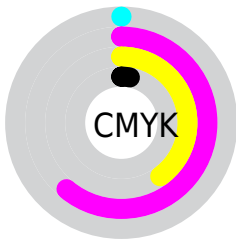
Distribution



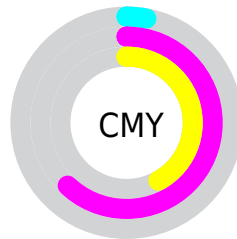
- Red (97%)
- Green (38%)
- Blue (58%)



- Red (97%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (61%)
- Yellow (40%)
- Black (3%)




- Cyan (3%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5500, -0.2712, 87.2176 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 147.5500, -0.2712, 87.2176 by changing the saturation by 10% instead.


 147.5500, -0.2712,
87.2176


 147.5500, -0.2712,
87.2176

255.0000, 0.0000,
0.0000


 118.2940, 1.3341,
85.6882

 189.5570, 5.6414,
57.3935

 87.2170, 4.8230,
86.6327


 209.1850, 9.7688,
40.1798


 54.9660, 8.8908,
88.6068

 229.1720, 12.7332,
22.6512

 43.7870, 3.5560,
72.9778

 246.7820, 4.0515,
7.2072

 32.7220, -1.3419,
57.2488

 21.5710, -9.1555,
43.3492

 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 147.5500, -0.2712,
87.2176

■ 147.5500, -0.2712,
87.2176

■ 131.0510, -0.0251,
101.6873

■ 164.0490, -0.5172,
72.7480

■ 115.0250, -0.5053,
115.7421

■ 180.0750, -0.0370,
58.6932

■ 98.5260, -0.2593,
130.2117

■ 196.5740, -0.2830,
44.2236

■ 83.2010, -0.5921,
143.6517

■ 213.1870, -0.0922,
29.6540

■ 229.0990, -0.0488,
15.6992

■ 245.7120, 0.1420,
1.1296

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



152.6770, 23.8232, 59.0423



147.5500, -0.2712, 87.2176



146.4810, -25.8731, 85.5242

Triad

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



147.5500, -0.2712, 87.2176



136.8370, -43.3036, -17.3970



126.7740, 59.2714, -111.1808

Complementary

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



147.5500, -0.2712, 87.2176



196.4500, 0.2711, -87.2177

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.



126.4370, 40.2106, -110.8852



147.5500, -0.2712, 87.2176



112.0220, -7.4058, -98.2433

Square

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



147.5500, -0.2712, 87.2176



142.0400, -57.7007, 27.1519



120.8680, 16.3341, -106.0012



120.0550, 66.5279, -105.2882

Rectangle

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



147.5500, -0.2712, 87.2176



146.3810, -41.1068, 71.5799



120.8680, 16.3341, -106.0012



127.2810, 53.5985, -111.6254

Sweetspot

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



147.5500, -0.2712, 87.2176



224.4640, -0.2288, 26.7801



144.0000, 50.7790, 46.4810



108.8110, 0.0932, 16.8288



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.



147.5500, -0.2712, 87.2176



131.6820, -0.3362, 108.1499



156.5250, -29.3458, 79.3466



114.0440, -0.0217, 6.9774



62.6820, -0.3362, 108.1499



19.9210, 0.0389, 34.2723

Inverse Universe

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



147.5500, -0.2712, 87.2176



131.6820, -0.3362, 108.1499



187.4750, 29.3458, -79.3466



114.0440, -0.0217, 6.9774



62.6820, -0.3362, 108.1499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 147.5500, -0.2712, 87.2176 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 147.5500, -0.2712, 87.2176 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 147.5500, -0.2712, 87.2176

Background



This preview shows how black text looks on a background with the YUV color 147.5500, -0.2712, 87.2176.



This preview shows how white text looks on a background with the YUV color 147.5500, -0.2712,

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

147.5500, -0.2712, 87.2176

Protanopia

150.8110, 13.4042, -5.9732

Deuteranopia

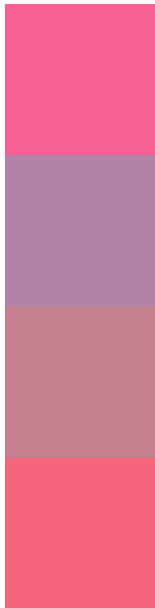
151.6060, -5.7218, 15.2545



Tritanopia

146.6580, -17.5794, 85.3689

Trichromacy



Original Color

147.5500, -0.2712, 87.2176

Protanomaly

149.4670, 8.6438, 27.6544

Deuteranomaly

150.3410, -3.6191, 40.9199

Tritanomaly

146.6780, -11.1803, 86.2284

Monochromacy



Original Color

147.5500, -0.2712, 87.2176

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.6110, 0.1918, 31.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5500, -0.2712, 87.2176 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(247, 97, 147)` looks like.

```
.text, #text, p{  
    color:rgb(247, 97, 147)  
}
```

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(247, 97, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 97, 147) }
```

Border

The CSS property to change the border of an element to YUV 147.5500, -0.2712, 87.2176 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(247, 97, 147) }
```


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

```
.border{ border-color:rgb(247, 97, 147) }
```

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

Here you see how a box with a 4 pixel rgb(247, 97, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 97, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 97, 147);  
box-shadow:4px 4px 4px 4px rgb(247, 97,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 147.5500, -0.2712, 87.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 97, 147) }
```

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

```
.background{ background-color: rgb(247, 97,  
147) }
```

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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