

# Converting Colors

YUV(142.0550, 3.9169, 97.2988)

Have a look what the booklet for  
YUV(142.0550, 3.9169, 97.2988)  
contains.

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# Color

**YUV(142.0550, 3.9169,  
97.2988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FD5496
RGB	253, 84, 150
RGB Percent	99%, 33%, 59%
CMY	0.0078, 0.6706, 0.4118
CMYK	0.00, 0.67, 0.41, 0.01
HSL	337°, 98%, 66%
HSV	337°, 67%, 99%
XYZ	49.1834, 29.4253, 31.9416
YIQ	142.0550, 79.5380, 56.3540

# Conversions

## Conversions Part 2

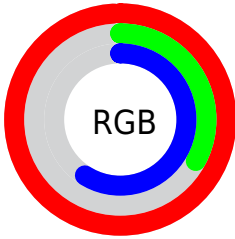
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 84, 150
Decimal	16602262
CIE Lab	61.16, 68.85, 0.14
CIE LCh	61, 68.853, 0.113
Yxy	29.4253, 0.4449, 0.2662
Android (android.graphics.Color)	4294792342 (0xFFFD5496)
YUV	142.0550, 3.9169, 97.2988
Hunter-Lab	54.2451, 66.9148, 3.0594

# Details

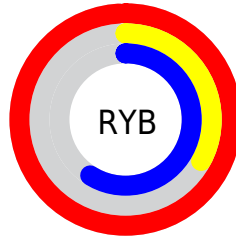
The YUV color **142.0550, 3.9169, 97.2988** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **194.9450, -3.9169, -97.2988**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4420, 10.1351, 62.7564**, and **68.3950, 15.0883, 107.5246** is the 20% darker color. If you saturate the color by 10%, you get **125.6700, 4.5997, 111.6684**, and if you desaturate by 10%, it is **158.4400, 3.2341, 82.9291**.

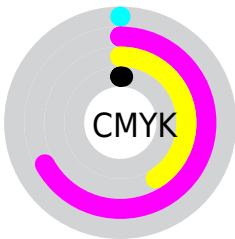
# Distribution



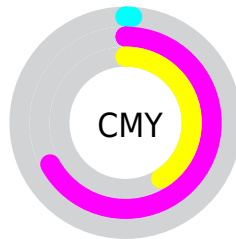
- Red (99%)
- Green (33%)
- Blue (59%)



- Red (99%)
- Yellow (33%)
- Blue (59%)



- Cyan (0%)
- Magenta (67%)
- Yellow (41%)
- Black (1%)



- Cyan (1%)
- Magenta (67%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.0550, 3.9169, 97.2988 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 142.0550, 3.9169, 97.2988 by changing the saturation by 10% instead.




 142.0550, 3.9169,  
97.2988


 142.0550, 3.9169,  
97.2988

255.0000, 0.0000,  
0.0000


 111.0380, 6.3903,  
97.3137


 183.4420, 10.1351,  
62.7564


 68.3950, 15.0883,  
107.5246


 203.6570, 13.9731,  
45.0278


 56.8030, 9.4641,  
91.3808

 223.3020, 15.6271,  
27.7991

 45.2110, 3.8400,  
75.2370

 240.9120, 6.9454,  
12.3552

 34.1460, -1.0580,  
59.5080

 23.0380, -7.4137,  
44.6937

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,  
0.0000

■ 142.0550, 3.9169,  
97.2988

■ 142.0550, 3.9169,  
97.2988

■ 125.6700, 4.5997,  
111.6684

■ 158.4400, 3.2341,  
82.9291

■ 108.5840, 5.1351,  
126.6528

■ 175.5260, 2.6987,  
67.9447


■ 92.1990, 5.8179,  
141.0225

■ 191.9110, 2.0159,  
53.5751

■ 86.9330, 5.9490,  
145.6408

■ 208.4100, 1.7699,  
39.1054

■ 225.3820, 0.7977,  
24.2210

 241.8810, 0.5517,  
9.7514

254.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



149.4800, 29.3434, 61.8460



142.0550, 3.9169, 97.2988



140.4870, -24.8901, 96.9199

# Triad

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



142.0550, 3.9169, 97.2988



131.9870, -54.2236, -14.8976



128.0450, 61.6028, -112.2955

# Complementary

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



142.0550, 3.9169, 97.2988



194.9450, -3.9169, -97.2988

# 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.



126.3230, 39.7738, -110.7853



142.0550, 3.9169, 97.2988



109.8390, -13.2316, -96.3288

# Square

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



142.0550, 3.9169, 97.2988



137.7390, -67.9053, 33.5549



119.3690, 13.1291, -104.6866



120.0550, 66.5279, -105.2882



# Rectangle

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



142.0550, 3.9169, 97.2988



142.1650, -43.4653, 81.4163



119.3690, 13.1291, -104.6866



128.3240, 55.0563, -112.5401

# Sweetspot

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



142.0550, 3.9169, 97.2988



221.5290, 1.2182, 29.3541



133.4650, 58.9308, 45.1962



107.6370, 0.6720, 17.8584



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.



142.0550, 3.9169, 97.2988



121.1160, 4.8728, 117.4163



144.5100, -29.8314, 95.1457



119.4570, 0.2677, 7.4922



65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463



# Inverse Universe

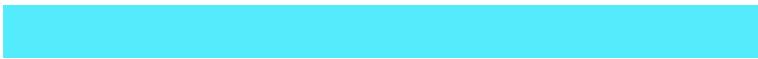
The Inverse Universe completely reimagines the original color for something new.



142.0550, 3.9169, 97.2988



121.1160, 4.8728, 117.4163



192.4900, 29.8314, -95.1457



119.4570, 0.2677, 7.4922



65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463



# Previews

## White Background



This preview shows how the YUV color 142.0550, 3.9169, 97.2988 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

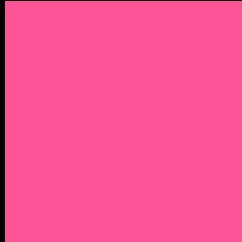
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 142.0550, 3.9169, 97.2988 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 × Fail

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

# YUV 142.0550, 3.9169, 97.2988

## Background



This preview shows how black text looks on a background with the YUV color 142.0550, 3.9169, 97.2988.



This preview shows how white text looks on a background with the YUV color 142.0550, 3.9169,



# 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

142.0550, 3.9169, 97.2988

### Protanopia

148.0970, 19.6722, -9.7321

### Deuteranopia

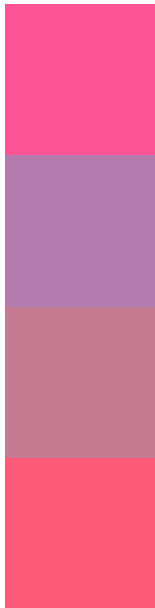
149.1650, -3.5323, 13.0103



## Tritanopia

142.0290, -20.2273, 94.6906

# Trichromacy



## Original Color

142.0550, 3.9169, 97.2988

## Protanomaly

145.5580, 14.0219, 29.3286

## Deuteranomaly

146.7480, -0.8618, 43.1940

## Tritanomaly

142.0320, -11.3548, 95.5649

# Monochromacy



## Original Color

142.0550, 3.9169, 97.2988

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

141.9750, 1.4913, 35.1019

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.0550, 3.9169, 97.2988 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(253, 84, 150)` looks like.

```
.text, #text, p{  
    color:rgb(253, 84, 150)  
}
```

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(253, 84, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 84, 150) }
```

## Border

The CSS property to change the border of an element to YUV 142.0550, 3.9169, 97.2988 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(253, 84, 150) }
```



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

```
.border{ border-color:rgb(253, 84, 150) }
```

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

Here you see how a box with a 4 pixel rgb(253, 84, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 84, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 84, 150);  
box-shadow:4px 4px 4px 4px rgb(253, 84,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 142.0550, 3.9169, 97.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 84, 150) }
```

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

```
.background{ background-color: rgb(253, 84,  
150) }
```

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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