

# Converting Colors

YUV(149.9130, -14.2541,  
92.1613)

Have a look what the booklet for  
YUV(149.9130, -14.2541, 92.1613)  
contains.

<b>YUV(149.9130, -14.2541, 92.1613)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(149.9130, -14.2541,  
92.1613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF6679
RGB	255, 102, 121
RGB Percent	100%, 40%, 47%
CMY	0.0000, 0.6000, 0.5255
CMYK	0.00, 0.60, 0.53, 0.00
HSL	353°, 100%, 70%
HSV	353°, 60%, 100%
XYZ	49.4426, 32.1432, 21.6875
YIQ	149.9130, 85.0890, 38.3450

# Conversions

## Conversions Part 2

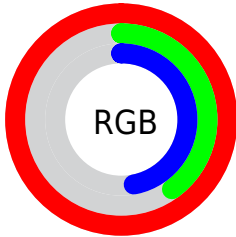
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 102, 121
Decimal	16737913
CIE Lab	63.46, 59.62, 20.20
CIE LCh	63, 62.947, 18.719
Yxy	32.1432, 0.4788, 0.3112
Android (android.graphics.Color)	4294927993 (0xFFFF6679)
YUV	149.9130, -14.2541, 92.1613
Hunter-Lab	56.6950, 56.4500, 17.0063

# Details

The YUV color **149.9130, -14.2541, 92.1613** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **207.0870, 14.2541, -92.1613**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7130, -7.7465, 58.1337**, and **90.6830, -8.7177, 89.7320** is the 20% darker color. If you saturate the color by 10%, you get **132.7300, -16.6289, 107.2308**, and if you desaturate by 10%, it is **167.6830, -12.1687, 76.5770**.

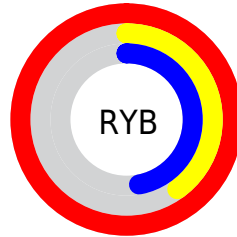
# Distribution



Red (100%)

Green (40%)

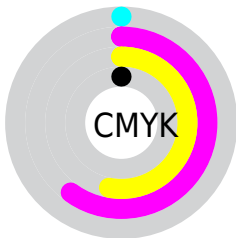
Blue (47%)



Red (100%)

Yellow (40%)

Blue (47%)

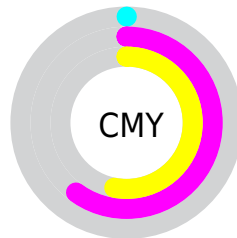


Cyan (0%)

Magenta (60%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (60%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 149.9130, -14.2541, 92.1613 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 149.9130, -14.2541, 92.1613 by changing the saturation by 10% instead.





 149.9130,  
-14.2541, 92.1613

 149.9130,  
-14.2541, 92.1613


255.0000, 0.0000,  
0.0000


 120.7710,  
-12.2121, 90.5318


 188.7130, -7.7465,  
58.1337


 90.6830, -8.7177,  
89.7320


 208.8140, -4.3453,  
40.5051


 54.1380, -2.0400,  
94.5950

 229.1430, -0.0705,  
22.6766

 42.8880, -6.3538,  
78.1512

 249.7170, 2.6045,  
4.6332

 31.0680, -12.8515,  
62.2074

 22.0550, -9.8871,  
44.6788

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,  
0.0000

■ 149.9130,  
-14.2541, 92.1613

■ 149.9130,  
-14.2541, 92.1613

■ 132.7300,  
-16.6289, 107.2308

■ 167.6830,  
-12.1687, 76.5770

■ 114.8460,  
-19.1511, 122.9151

■ 184.9800, -9.3571,  
61.4075

■ 97.0760, -21.2365,  
138.4993

■ 202.7500, -7.2717,  
45.8233

■ 79.8930, -23.6112,  
153.5688

■ 219.9330, -4.8970,  
30.7538

■ 237.8170, -2.3748,  
15.0695

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.



153.5950, 11.5387, 79.2852



149.9130, -14.2541, 92.1613



150.2830, -39.0865, 76.9278

# Triad

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



149.9130, -14.2541, 92.1613



134.0210, -29.0974, -47.3764



126.5120, 63.3446, -110.9510

# Complementary

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



149.9130, -14.2541, 92.1613



207.0870, 14.2541, -92.1613

# 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.



130.9170, 52.2989, -114.8142



149.9130, -14.2541, 92.1613



119.8930, 4.9828, -105.1462

# Square

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



149.9130, -14.2541, 92.1613



143.4070, -54.4307, 4.9051



127.0920, 30.0276, -111.4597



149.7330, 51.8966, -32.2148



# Rectangle

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



149.9130, -14.2541, 92.1613



148.7200, -52.1200, 57.2506



127.0920, 30.0276, -111.4597



129.4470, 61.8976, -113.5250

# Sweetspot

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



149.9130, -14.2541, 92.1613



223.4380, -4.1599, 27.6799



159.2090, 47.2250, 66.4687



108.1270, -2.5276, 17.4286



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.



149.9130, -14.2541, 92.1613



128.6380, -17.0765, 110.8195



180.6190, -38.7592, 65.2321



119.0010, -1.4795, 7.8921



59.8450, -17.6716, 115.0229



20.0480, -5.9397, 38.5459



# Inverse Universe

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



149.9130, -14.2541, 92.1613



128.6380, -17.0765, 110.8195



176.3810, 38.7592, -65.2321



119.0010, -1.4795, 7.8921



59.8450, -17.6716, 115.0229



20.0480, -5.9397, 38.5459



# Previews

## White Background



This preview shows how the YUV color 149.9130, -14.2541, 92.1613 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

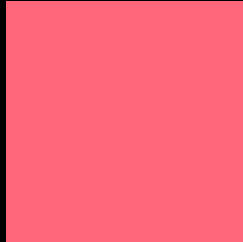
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 149.9130, -14.2541, 92.1613 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 149.9130, -14.2541, 92.1613

## Background



This preview shows how black text looks on a background with the YUV color 149.9130, -14.2541, 92.1613.



This preview shows how white text looks on a background with the YUV color 149.9130, -14.2541, 92.1613.



# 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

149.9130, -14.2541, 92.1613

### Protanopia

153.9960, -3.9420, 4.3885

### Deuteranopia

154.2900, -19.8630, 24.3017



## Tritanopia

149.6480, -19.0535, 91.5167

# Trichromacy



## Original Color

149.9130, -14.2541, 92.1613

## Protanomaly

152.2820, -7.5340, 36.5867

## Deuteranomaly

152.7260, -17.6129, 49.3523

## Tritanomaly

149.5170, -17.0169, 91.6316

# Monochromacy



## Original Color

149.9130, -14.2541, 92.1613

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

150.1290, -5.4866, 33.2129

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.9130, -14.2541, 92.1613 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, 102, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 121)  
}
```

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, 102, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 121) }
```

## Border

The CSS property to change the border of an element to YUV 149.9130, -14.2541, 92.1613 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, 102, 121) }
```



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

```
.border{ border-color:rgb(255, 102, 121) }
```

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

Here you see how a box with a 4 pixel rgb(255, 102, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 149.9130, -14.2541, 92.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 121) }
```

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

```
.background{ background-color: rgb(255,  
102, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor