

# Converting Colors

YUV(157.8540, -21.6200,  
74.6730)

Have a look what the booklet for  
YUV(157.8540, -21.6200, 74.6730)  
contains.

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# Color

**YUV(157.8540, -21.6200,  
74.6730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F37B72
RGB	243, 123, 114
RGB Percent	95%, 48%, 45%
CMY	0.0471, 0.5176, 0.5529
CMYK	0.00, 0.49, 0.53, 0.05
HSL	4°, 84%, 70%
HSV	4°, 53%, 95%
XYZ	47.0824, 34.4355, 20.0848
YIQ	157.8540, 74.4090, 22.6410

# Conversions

## Conversions Part 2

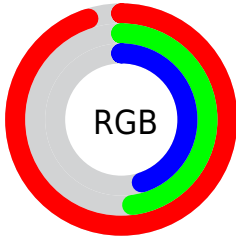
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 124, 114
Decimal	15956850
CIE Lab	65.31, 45.16, 26.33
CIE LCh	65, 52.276, 30.249
Yxy	34.4355, 0.4634, 0.3389
Android (android.graphics.Color)	4294146930 (0xFFFF37B72)
YUV	157.8540, -21.6200, 74.6730
Hunter-Lab	58.6818, 40.5235, 20.7843

# Details

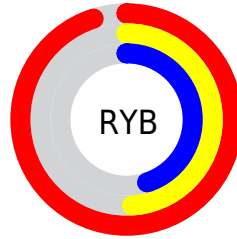
The YUV color **157.8540, -21.6200, 74.6730** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **199.1460, 21.6200, -74.6730**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6550, -16.5919, 48.5376**, and **103.0320, -18.2568, 69.2549** is the 20% darker color. If you saturate the color by 10%, you get **141.6170, -25.4472, 88.9129**, and if you desaturate by 10%, it is **174.0910, -17.7929, 60.4332**.

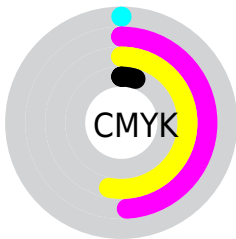
# Distribution



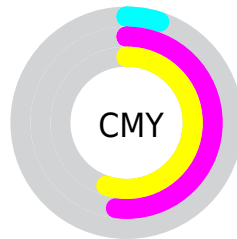
- Red (95%)
- Green (48%)
- Blue (45%)



- Red (95%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 157.8540, -21.6200, 74.6730 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 157.8540, -21.6200, 74.6730 by changing the saturation by 10% instead.



157.8540,  
-21.6200, 74.6730

157.8540,  
-21.6200, 74.6730

255.0000, 0.0000,  
0.0000

129.8860,  
-20.1568, 72.0140

199.6550,  
-16.5919, 48.5376

103.0320,  
-18.2568, 69.2549

219.1690,  
-12.9013, 31.4238

75.7050, -15.6306,  
66.9107

239.3840, -9.0633,  
13.6952

45.8560, -11.2680,  
67.6553

254.4300, -2.1840,  
0.4999

28.4050, -14.0037,  
58.4038

19.7340, -9.7289,  
40.5753

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,  
0.0000

■ 157.8540,  
-21.6200, 74.6730

■ 157.8540,  
-21.6200, 74.6730

■ 141.6170,  
-25.4472, 88.9129

■ 174.0910,  
-17.7929, 60.4332

■ 125.8530,  
-30.0005, 102.7379

■ 189.8550,  
-13.2395, 46.6082

■ 109.6160,  
-33.8277, 116.9778

■ 206.0920, -9.4124,  
32.3683

■ 93.9660, -37.9442,  
130.7028

■ 221.7420, -5.2958,  
18.6433

■ 82.6360, -40.7395,  
140.6392

■ 237.9790, -1.4686,  
4.4034

251.4120, 1.7689,  
-7.3773

# Harmonies

## Analogous

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



160.1630, -0.0804, 72.6480



157.8540, -21.6200, 74.6730



156.7490, -39.3163, 57.2251

# Triad

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



157.8540, -21.6200, 74.6730



139.1520, -14.3719, -57.1383



143.2460, 53.6157, -70.3757

# Complementary

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



157.8540, -21.6200, 74.6730



199.1460, 21.6200, -74.6730

# 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.



129.9710, 53.7513, -113.9846



157.8540, -21.6200, 74.6730



124.7320, 15.9081, -109.3900

# Square

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



157.8540, -21.6200, 74.6730



149.1890, -37.0682, -10.6898



129.5030, 36.7270, -113.5741



161.2010, 38.8479, -0.1763



# Rectangle

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



157.8540, -21.6200, 74.6730



155.0210, -45.3664, 37.6926



129.5030, 36.7270, -113.5741



127.1160, 60.5818, -111.4807

# Sweetspot

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



157.8540, -21.6200, 74.6730



228.0200, -6.9119, 23.6615



166.2510, 33.4003, 67.3089



111.6490, -4.2640, 14.3398



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.



157.8540, -21.6200, 74.6730



147.1940, -27.2106, 94.5459



195.4220, -40.1410, 41.7259



114.1750, -2.0583, 6.8625



63.2450, -31.1798, 107.6561



19.9890, -9.8546, 34.2126



# Inverse Universe

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



199.1460, 21.6200, -74.6730



199.8060, 27.2106, -94.5459



161.5780, 40.1410, -41.7259



118.4120, 1.7689, -7.3773



122.7550, 31.1798, -107.6561



39.0110, 9.8546, -34.2126



# Previews

## White Background



This preview shows how the YUV color 157.8540, -21.6200, 74.6730 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

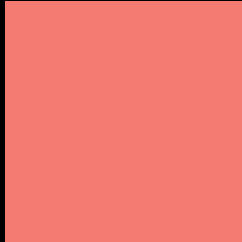
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.8540, -21.6200, 74.6730 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 157.8540, -21.6200, 74.6730

## Background



This preview shows how black text looks on a background with the YUV color 157.8540, -21.6200, 74.6730.



This preview shows how white text looks on a background with the YUV color 157.8540, -21.6200, 74.6730.

74.6730.

# 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

157.8540, -21.6200, 74.6730

### Protanopia

158.3850, -13.9938, 8.4324

### Deuteranopia

158.4600, -24.3838, 27.6606



## Tritanopia

158.6890, -14.6367, 74.8177

# Trichromacy



## Original Color

157.8540, -21.6200, 74.6730

## Protanomaly

158.1430, -16.8325, 32.3236

## Deuteranomaly

157.9120, -23.1276, 44.8042

## Tritanomaly

158.7060, -17.1101, 74.8028

# Monochromacy



## Original Color

157.8540, -21.6200, 74.6730

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

157.8140, -7.7963, 27.3501

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.8540, -21.6200, 74.6730 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(243, 123, 114)` looks like.

```
.text, #text, p{  
    color:rgb(243, 123, 114)  
}
```

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(243, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 123, 114) }
```

## Border

The CSS property to change the border of an element to YUV 157.8540, -21.6200, 74.6730 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(243, 123, 114) }
```



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

```
.border{ border-color:rgb(243, 123, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 123, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(243, 123,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 157.8540, -21.6200, 74.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 123, 114) }
```

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

```
.background{ background-color: rgb(243,  
123, 114) }
```

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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