

# Converting Colors

YUV(138.3550, -17.9230,  
102.2977)

Have a look what the booklet for  
YUV(138.3550, -17.9230, 102.2977)  
contains.

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# Color

**YUV(138.3550, -17.9230,  
102.2977)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF5666
RGB	255, 86, 102
RGB Percent	100%, 34%, 40%
CMY	0.0000, 0.6627, 0.6000
CMYK	0.00, 0.66, 0.60, 0.00
HSL	354°, 100%, 67%
HSV	354°, 66%, 100%
XYZ	46.9661, 28.8749, 15.6684
YIQ	138.3550, 95.5880, 40.8040

# Conversions

## Conversions Part 2

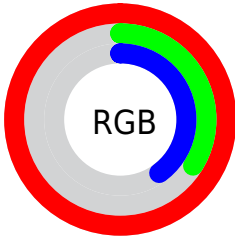
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 86, 102
Decimal	16733798
CIE <sub>Lab</sub>	60.67, 64.81, 27.39
CIE <sub>LCh</sub>	61, 70.362, 22.906
Yxy	28.8749, 0.5132, 0.3155
Android (android.graphics.Color)	4294923878 (0xFFFF5666)
YUV	138.3550, -17.9230, 102.2977
Hunter-Lab	53.7354, 61.9766, 20.3267

# Details

The YUV color **138.3550, -17.9230, 102.2977** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **202.6450, 17.9230, -102.2977**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2150, -12.4310, 67.3404**, and **69.5480, -7.1722, 107.3904** is the 20% darker color. If you saturate the color by 10%, you get **121.0580, -20.7346, 117.4671**, and if you desaturate by 10%, it is **156.2390, -15.4008, 86.6134**.

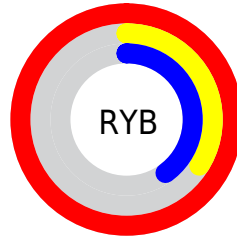
# Distribution



Red (100%)

Green (34%)

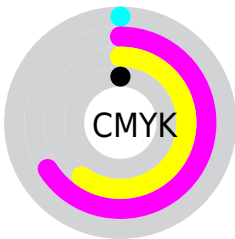
Blue (40%)



Red (100%)

Yellow (34%)

Blue (40%)

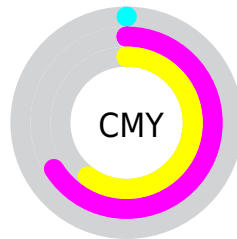


Cyan (0%)

Magenta (66%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.3550, -17.9230, 102.2977 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 138.3550, -17.9230, 102.2977 by changing the saturation by 10% instead.



138.3550,  
-17.9230, 102.2977

138.3550,  
-17.9230, 102.2977

255.0000, 0.0000,  
0.0000

107.8540,  
-14.7180, 100.9830

178.2150,  
-12.4310, 67.3404

69.5480, -7.1722,  
107.3904

198.3160, -9.0298,  
49.7119

51.7160, -8.7340,  
94.9651

218.4170, -5.6286,  
32.0833

40.1670, -12.9003,  
77.9065

238.6320, -1.7906,  
14.3547

29.6010, -14.5933,  
60.8629

21.2720, -9.0081,  
42.7345

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,  
0.0000

■ 138.3550,  
-17.9230, 102.2977

■ 138.3550,  
-17.9230, 102.2977

■ 121.0580,  
-20.7346, 117.4671

■ 156.2390,  
-15.4008, 86.6134

■ 103.1740,  
-23.2568, 133.1514

■ 173.5360,  
-12.5892, 71.4439

■ 85.8770, -26.0684,  
148.3209

■ 191.4200,  
-10.0671, 55.7597

■ 78.9810, -27.1056,  
154.3687

■ 208.7170, -7.2555,  
40.5902

■ 226.6010, -4.7333,  
24.9059

244.0120, -1.4849,  
9.6365

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.



141.2810, 11.2005, 94.4696



138.3550, -17.9230, 102.2977



140.2420, -46.9543, 80.4718

# Triad

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



138.3550, -17.9230, 102.2977



116.3060, -24.8009, -72.1824



121.8160, 65.6597, -106.8326

# Complementary

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



138.3550, -17.9230, 102.2977



202.6450, 17.9230, -102.2977

# 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.



127.7200, 57.8190, -112.0104



138.3550, -17.9230, 102.2977



116.8440, 5.9929, -102.4722

# Square

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



138.3550, -17.9230, 102.2977



131.0290, -64.5973, -0.9024



124.7270, 33.6586, -109.3856



142.6890, 55.3693, -26.0373



# Rectangle

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



138.3550, -17.9230, 102.2977



137.3060, -67.6919, 58.4906



124.7270, 33.6586, -109.3856



124.7510, 64.2128, -109.4066

# Sweetspot

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



138.3550, -17.9230, 102.2977



219.8190, -5.3338, 30.8537



150.7140, 51.4130, 76.5498



106.6110, -3.2592, 18.7582



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.



138.3550, -17.9230, 102.2977



114.1620, -21.7719, 123.5149



176.4470, -44.5904, 68.8910



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459



# Inverse Universe

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



138.3550, -17.9230, 102.2977



114.1620, -21.7719, 123.5149



164.5530, 44.5904, -68.8910



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228

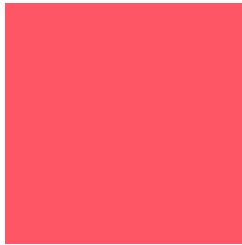


19.8200, -6.8133, 38.7459



# Previews

## White Background



This preview shows how the YUV color 138.3550, -17.9230, 102.2977 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 138.3550, -17.9230, 102.2977 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 138.3550, -17.9230, 102.2977 Background



This preview shows how black text looks on a background with the YUV color 138.3550, -17.9230, 102.2977.



This preview shows how white text looks on a background with the YUV color 138.3550, -17.9230, 102.2977.



# 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

138.3550, -17.9230, 102.2977

### Protanopia

146.1550, -8.4574, 6.0031

### Deuteranopia

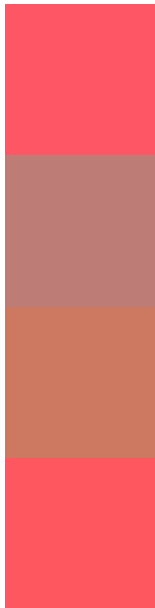
145.8190, -25.5468, 27.3457



## Tritanopia

138.5030, -22.4330, 102.1679

# Trichromacy



## Original Color

138.3550, -17.9230, 102.2977

## Protanomaly

143.1640, -11.9129, 41.0752

## Deuteranomaly

142.7930, -22.5759, 54.5555

## Tritanomaly

138.2580, -20.8332, 102.3827

# Monochromacy



## Original Color

138.3550, -17.9230, 102.2977

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

138.2220, -6.5184, 37.5163

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.3550, -17.9230, 102.2977 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, 86, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 86, 102)  
}
```

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, 86, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 102) }
```

## Border

The CSS property to change the border of an element to YUV 138.3550, -17.9230, 102.2977 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, 86, 102) }
```



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

```
.border{ border-color:rgb(255, 86, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 86, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 86,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 138.3550, -17.9230, 102.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 102) }
```

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

```
.background{ background-color: rgb(255, 86,  
102) }
```

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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