

# Converting Colors

YUV(131.7000, -27.9531,  
99.3641)

Have a look what the booklet for  
YUV(131.7000, -27.9531, 99.3641)  
contains.

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# Color

**YUV(131.7000, -27.9531,  
99.3641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5554B
RGB	245, 85, 75
RGB Percent	96%, 33%, 29%
CMY	0.0392, 0.6667, 0.7059
CMYK	0.00, 0.65, 0.69, 0.04
HSL	4°, 89%, 63%
HSV	4°, 69%, 96%
XYZ	42.1747, 26.4175, 9.5328
YIQ	131.7000, 98.5700, 30.8100

# Conversions

## Conversions Part 2

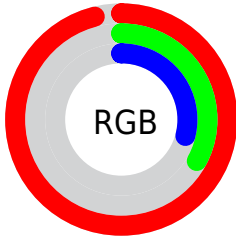
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 86, 75
Decimal	16078155
CIE <sub>Lab</sub>	58.43, 60.54, 39.52
CIE <sub>LCh</sub>	58, 72.299, 33.137
Yxy	26.4175, 0.5398, 0.3381
Android (android.graphics.Color)	4294268235 (0xFFFF5554B)
YUV	131.7000, -27.9531, 99.3641
Hunter-Lab	51.3979, 56.5222, 24.9820

# Details

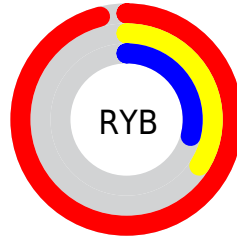
The YUV color **131.7000, -27.9531, 99.3641** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **188.3000, 27.9531, -99.3641**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7350, -24.5194, 71.2694**, and **66.9310, -18.2070, 100.0385** is the 20% darker color. If you saturate the color by 10%, you get **115.3490, -32.2171, 113.7039**, and if you desaturate by 10%, it is **147.9370, -24.1259, 85.1243**.

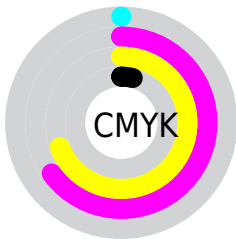
# Distribution



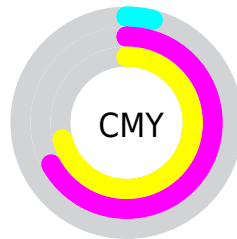
- Red (96%)
- Green (33%)
- Blue (29%)



- Red (96%)
- Yellow (34%)
- Blue (29%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)
- Black (4%)



- Cyan (4%)
- Magenta (67%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 131.7000, -27.9531, 99.3641 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 131.7000, -27.9531, 99.3641 by changing the saturation by 10% instead.



131.7000,  
-27.9531, 99.3641

131.7000,  
-27.9531, 99.3641

255.0000, 0.0000,  
0.0000

101.9000,  
-24.6007, 97.4347

173.7350,  
-24.5194, 71.2694

66.9310, -18.2070,  
100.0385

193.1350,  
-21.2656, 54.2556

45.7620, -18.6167,  
91.4167

213.2360,  
-17.8643, 36.6270

35.5810, -17.5414,  
73.1585

233.4510,  
-14.0263, 18.8985

26.3120, -12.9718,  
54.1004

252.4920, -9.6096,  
2.1995

18.2820, -7.5340,  
36.5867

6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,  
0.0000

■ 131.7000,  
-27.9531, 99.3641

■ 131.7000,  
-27.9531, 99.3641

■ 115.3490,  
-32.2171, 113.7039

■ 147.9370,  
-24.1259, 85.1243

■ 99.1120, -36.0442,  
127.9438

■ 164.2880,  
-19.8620, 70.7844

■ 82.7610, -40.3082,  
142.2836

■ 180.5250,  
-16.0348, 56.5446

■ 81.4730, -40.1662,  
143.4132

■ 196.8760,  
-11.7709, 42.2047

■ 213.1130, -7.9437,  
27.9649

229.4640, -3.6798,  
13.6251

245.7010, 0.1474,  
-0.6148

252.0100, 1.4741,  
-6.1478

# Harmonies

## Analogous

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



130.8710, 3.0216, 104.4761



131.7000, -27.9531, 99.3641



131.9900, -61.6201, 71.0458

# Triad

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



131.7000, -27.9531, 99.3641



105.8610, -13.2425, -92.8401



114.7720, 69.1324, -100.6550

# Complementary

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



131.7000, -27.9531, 99.3641



188.3000, 27.9531, -99.3641

# 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.



124.0500, 64.0653, -108.7918



131.7000, -27.9531, 99.3641



115.8470, 14.8654, -101.5978

# Square

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



131.7000, -27.9531, 99.3641



120.9880, -59.1541, -20.1605



122.3280, 42.2363, -107.2817



142.6650, 51.9302, 3.8018



# Rectangle

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



131.7000, -27.9531, 99.3641



132.1900, -65.1697, 42.8064



122.3280, 42.2363, -107.2817



118.8810, 67.1067, -104.2586

# Sweetspot

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



131.7000, -27.9531, 99.3641



219.4940, -9.1175, 31.1388



144.2980, 45.7021, 88.3157



106.7420, -5.2958, 18.6433



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.



131.7000, -27.9531, 99.3641



114.0190, -35.0124, 123.6403



181.0080, -52.2619, 56.1210



114.1750, -2.0583, 6.8625



62.0710, -30.6010, 108.6857



19.4020, -9.5652, 34.7274



# Inverse Universe

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



188.3000, 27.9531, -99.3641



184.5680, 34.7230, -124.1551



139.5790, 51.9726, -56.6358



118.4120, 1.7689, -7.3773



123.9290, 30.6010, -108.6857



39.0110, 9.8546, -34.2126



# Previews

## White Background



This preview shows how the YUV color 131.7000, -27.9531, 99.3641 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

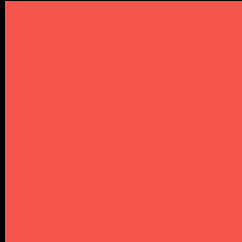
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 131.7000, -27.9531, 99.3641 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 131.7000, -27.9531, 99.3641 Background



This preview shows how black text looks on a background with the YUV color 131.7000, -27.9531, 99.3641.



This preview shows how white text looks on a background with the YUV color 131.7000, -27.9531,



# 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

131.7000, -27.9531, 99.3641

### Protanopia

139.3440, -21.8616, 11.9763

### Deuteranopia

138.2080, -35.5985, 31.3896



**Tritanopia**

132.3070, -21.8434, 99.7088

# Trichromacy



## Original Color

131.7000, -27.9531, 99.3641

## Protanomaly

136.6730, -23.9958, 43.2598

## Deuteranomaly

135.7580, -32.9117, 56.3402

## Tritanomaly

132.3240, -24.3167, 99.6939

# Monochromacy



## Original Color

131.7000, -27.9531, 99.3641

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

131.8860, -10.2968, 36.0570

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 131.7000, -27.9531, 99.3641 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(245, 85, 75)` looks like.

```
.text, #text, p{  
    color:rgb(245, 85, 75)  
}
```

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(245, 85, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 85, 75) }
```

## Border

The CSS property to change the border of an element to YUV 131.7000, -27.9531, 99.3641 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(245, 85, 75) }
```



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

```
.border{ border-color:rgb(245, 85, 75) }
```

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

Here you see how a box with a 4 pixel rgb(245, 85, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 85, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 85, 75);  
box-shadow:4px 4px 4px 4px rgb(245, 85,  
75) }
```

# Background

The CSS property to change the background color of an element to YUV 131.7000, -27.9531, 99.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 85, 75) }
```

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

```
.background{ background-color: rgb(245, 85,  
75) }
```

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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