

# Converting Colors

YUV(134.1350, -27.6746,  
103.3676)

Have a look what the booklet for  
YUV(134.1350, -27.6746, 103.3676)  
contains.

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# Color

**YUV(134.1350, -27.6746,  
103.3676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC554E
RGB	252, 85, 78
RGB Percent	99%, 33%, 31%
CMY	0.0118, 0.6667, 0.6941
CMYK	0.00, 0.66, 0.69, 0.01
HSL	2°, 97%, 65%
HSV	2°, 69%, 99%
XYZ	44.7685, 27.7425, 10.2030
YIQ	134.1350, 101.7790, 33.2270

# Conversions

## Conversions Part 2

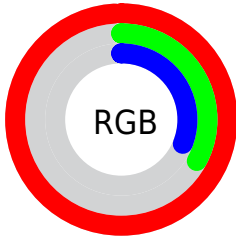
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 85, 78
Decimal	16536910
CIE <sub>Lab</sub>	59.66, 62.93, 39.60
CIE <sub>LCh</sub>	60, 74.350, 32.181
Yxy	27.7425, 0.5412, 0.3354
Android (android.graphics.Color)	4294726990 (0xFFFC554E)
YUV	134.1350, -27.6746, 103.3676
Hunter-Lab	52.6712, 59.5439, 25.3847

# Details

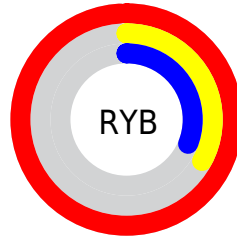
The YUV color **134.1350, -27.6746, 103.3676** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **195.8650, 27.6746, -103.3676**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1910, -22.7722, 70.8695**, and **67.0180, -16.7709, 106.1012** is the 20% darker color. If you saturate the color by 10%, you get **117.1970, -31.6491, 118.2222**, and if you desaturate by 10%, it is **151.0730, -23.7000, 88.5130**.

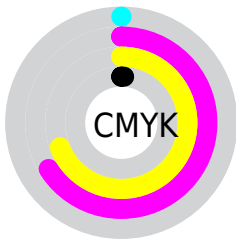
# Distribution



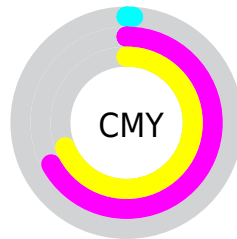
- Red (99%)
- Green (33%)
- Blue (31%)



- Red (99%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (66%)
- Yellow (69%)
- Black (1%)



- Cyan (1%)
- Magenta (67%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.1350, -27.6746, 103.3676 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 134.1350, -27.6746, 103.3676 by changing the saturation by 10% instead.



134.1350,  
-27.6746, 103.3676

134.1350,  
-27.6746, 103.3676

255.0000, 0.0000,  
0.0000

103.7480,  
-24.0328, 101.9530

174.1910,  
-22.7722, 70.8695

67.0180, -16.7709,  
106.1012

194.1780,  
-19.8078, 53.3409

47.8980, -18.1907,  
94.8055

214.2790,  
-16.4065, 35.7123

37.3750, -18.4259,  
76.8471

234.9670,  
-13.2947, 17.5689

28.1060, -13.8563,  
57.7890

252.9480, -7.8624,  
1.7996

20.0760, -8.4185,  
40.2753

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,  
0.0000

■ 134.1350,  
-27.6746, 103.3676

■ 134.1350,  
-27.6746, 103.3676

■ 117.1970,  
-31.6491, 118.2222

■ 151.0730,  
-23.7000, 88.5130

■ 100.2590,  
-35.6237, 133.0769

■ 168.0110,  
-19.7254, 73.6584

■ 82.6200, -39.7457,  
148.5463

■ 185.6500,  
-15.6035, 58.1889

■ 81.2180, -40.0405,  
149.7758

■ 202.5880,  
-11.6289, 43.3343

■ 219.5260, -7.6543,  
28.4797

236.4640, -3.6798,  
13.6251

253.4020, 0.2948,  
-1.2296

254.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



132.9360, 4.4686, 107.0501



134.1350, -27.6746, 103.3676



134.6700, -62.9413, 74.8344

# Triad

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



134.1350, -27.6746, 103.3676



108.0950, -14.8368, -94.7993



117.1200, 67.9748, -102.7142

# Complementary

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



134.1350, -27.6746, 103.3676



195.8650, 27.6746, -103.3676

# 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.



126.5120, 63.3446, -110.9510



134.1350, -27.6746, 103.3676



118.3090, 14.1447, -103.7570

# Square

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



134.1350, -27.6746, 103.3676



123.8310, -61.0487, -19.1458



125.1320, 42.8259, -109.7408



145.5120, 53.9776, 0.4280



# Rectangle

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



134.1350, -27.6746, 103.3676



135.1580, -66.6329, 45.4654



125.1320, 42.8259, -109.7408



121.2290, 65.9491, -106.3178

# Sweetspot

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



134.1350, -27.6746, 103.3676



218.9070, -8.8282, 31.6536



149.1780, 47.7332, 90.1749



106.1550, -5.0064, 19.1581



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.



134.1350, -27.6746, 103.3676



111.6710, -33.8548, 125.6995



184.6170, -52.5622, 59.0949



116.4740, -2.2057, 7.4773



61.2070, -30.1751, 112.0745



19.4130, -9.5706, 36.4718



# Inverse Universe

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



195.8650, 27.6746, -103.3676



186.3290, 33.8548, -125.6995



145.3830, 52.5622, -59.0949



120.5260, 2.2057, -7.4773



127.7930, 30.1751, -112.0745



41.5870, 9.5706, -36.4718



# Previews

## White Background



This preview shows how the YUV color 134.1350, -27.6746, 103.3676 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

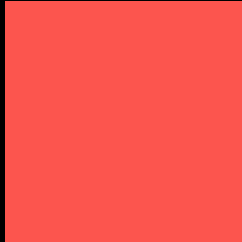
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 134.1350, -27.6746, 103.3676 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 134.1350, -27.6746, 103.3676 Background



This preview shows how black text looks on a background with the YUV color 134.1350, -27.6746, 103.3676.



This preview shows how white text looks on a background with the YUV color 134.1350, -27.6746, 103.3676.



# 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

134.1350, -27.6746, 103.3676

### Protanopia

142.4580, -21.4248, 11.8763

### Deuteranopia

141.5070, -35.7460, 32.0044



## Tritanopia

134.6880, -23.0172, 102.8826

# Trichromacy



## Original Color

134.1350, -27.6746, 103.3676

## Protanomaly

139.6840, -24.0012, 45.0041

## Deuteranomaly

138.7690, -32.9171, 58.0846

## Tritanomaly

134.2320, -24.7644, 103.2825

# Monochromacy



## Original Color

134.1350, -27.6746, 103.3676

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.0110, -9.8654, 37.7014

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.1350, -27.6746, 103.3676 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(252, 85, 78)` looks like.

```
.text, #text, p{  
    color:rgb(252, 85, 78)  
}
```

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(252, 85, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 85, 78) }
```

## Border

The CSS property to change the border of an element to YUV 134.1350, -27.6746, 103.3676 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(252, 85, 78) }
```



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

```
.border{ border-color:rgb(252, 85, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 85, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 85, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 85, 78);  
box-shadow:4px 4px 4px 4px rgb(252, 85,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 134.1350, -27.6746, 103.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 85, 78) }
```

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

```
.background{ background-color: rgb(252, 85,  
78) }
```

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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