

# Converting Colors

YUV(115.4130, -25.8396,  
121.5408)

Have a look what the booklet for  
YUV(115.4130, -25.8396, 121.5408)  
contains.

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# Color

**YUV(115.4130, -25.8396,  
121.5408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE373F
RGB	254, 55, 63
RGB Percent	100%, 22%, 25%
CMY	0.0039, 0.7843, 0.7529
CMYK	0.00, 0.78, 0.75, 0.00
HSL	358°, 99%, 61%
HSV	358°, 78%, 100%
XYZ	43.1364, 24.1621, 7.0928
YIQ	115.4130, 116.0360, 44.6760

# Conversions

## Conversions Part 2

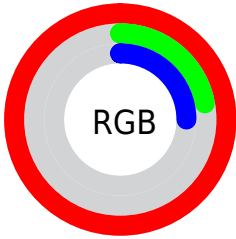
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 55, 63
Decimal	16660287
CIE <sub>Lab</sub>	56.25, 72.82, 44.10
CIE <sub>LCh</sub>	56, 85.131, 31.196
Yxy	24.1621, 0.5799, 0.3248
Android (android.graphics.Color)	4294850367 (0xFFFE373F)
YUV	115.4130, -25.8396, 121.5408
Hunter-Lab	49.1549, 70.6234, 25.8532

# Details

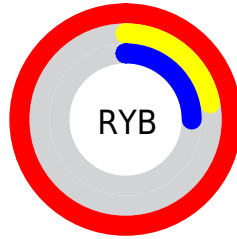
The YUV color **115.4130, -25.8396, 121.5408** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **193.5870, 25.8396, -121.5408**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7520, -23.5417, 84.4095**, and **58.3780, -19.4134, 113.6785** is the 20% darker color. If you saturate the color by 10%, you get **98.0020, -29.0880, 136.8102**, and if you desaturate by 10%, it is **132.8240, -22.5912, 106.2714**.

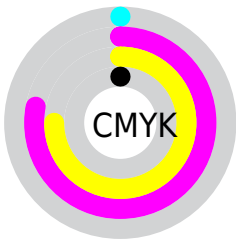
# Distribution



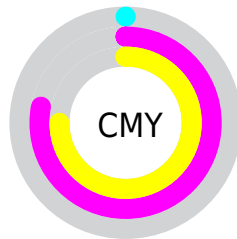
- Red (100%)
- Green (22%)
- Blue (25%)



- Red (100%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (78%)
- Yellow (75%)
- Black (0%)




- Cyan (0%)
- Magenta (78%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 115.4130, -25.8396, 121.5408 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 115.4130, -25.8396, 121.5408 by changing the saturation by 10% instead.




 115.4130,  
-25.8396, 121.5408

 115.4130,  
-25.8396, 121.5408


255.0000, 0.0000,  
0.0000


 70.6390, -15.1050,  
131.8666


 158.7520,  
-23.5417, 84.4095


 58.3780, -19.4134,  
113.6785


 179.3260,  
-20.8667, 66.3661


 46.6440, -22.9955,  
95.9052


 199.3130,  
-17.9023, 48.8375

 37.0760, -18.2785,  
76.2323

 220.1150,  
-14.3537, 30.5941

 27.7360, -12.6878,  
56.3595

 240.9170,  
-10.8051, 12.3508

 18.8800, -7.8288,  
37.8162

 254.0880, -3.4944,

 8.1870, -3.5432,

0.7998

16.4990

■ 0.0000, 0.0000,  
0.0000

■ 115.4130,  
-25.8396, 121.5408

■ 115.4130,  
-25.8396, 121.5408

■ 98.0020, -29.0880,  
136.8102

■ 132.8240,  
-22.5912, 106.2714

■ 79.8900, -32.4838,  
152.6945

■ 150.9360,  
-19.1954, 90.3871

■ 77.0860, -33.0734,  
155.1536

■ 168.3470,  
-15.9471, 75.1177

■ 186.4590,  
-12.5513, 59.2335

■ 203.8700, -9.3029,  
43.9640

■ 221.2810, -6.0545,  
28.6946

■ 239.3930, -2.6587,  
12.8103

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



99.8530, 17.3275, 136.0639



115.4130, -25.8396, 121.5408



124.4690, -61.3632, 82.0267

# Triad

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



115.4130, -25.8396, 121.5408



101.0050, -21.6945, -88.5814



113.5980, 69.7112, -99.6254

# Complementary

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



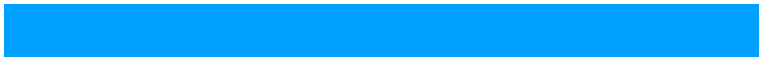
115.4130, -25.8396, 121.5408



193.5870, 25.8396, -121.5408

# 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.



122.9900, 65.0809, -107.8622



115.4130, -25.8396, 121.5408



112.9460, 11.3656, -99.0536

# Square

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



115.4130, -25.8396, 121.5408



114.6390, -56.5170, -25.9934



121.3820, 43.6887, -106.4520



133.3740, 59.9616, -5.5900



# Rectangle

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



115.4130, -25.8396, 121.5408



127.2060, -62.7126, 48.0543



121.3820, 43.6887, -106.4520



117.7070, 67.6854, -103.2290

# Sweetspot

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



115.4130, -25.8396, 121.5408



212.4670, -8.1182, 37.3014



134.1970, 59.0629, 96.2972



102.1770, -5.0173, 22.6468



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.



115.4130, -25.8396, 121.5408



87.9000, -31.0097, 146.5467



167.3310, -55.3792, 76.0087



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458



# Inverse Universe

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



115.4130, -25.8396, 121.5408



87.9000, -31.0097, 146.5467



141.6690, 55.3792, -76.0087



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458



# Previews

## White Background



This preview shows how the YUV color 115.4130, -25.8396, 121.5408 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

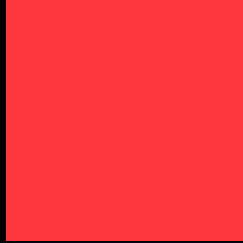
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 115.4130, -25.8396, 121.5408 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 115.4130, -25.8396, 121.5408 Background



This preview shows how black text looks on a background with the YUV color 115.4130, -25.8396, 121.5408.



This preview shows how white text looks on a background with the YUV color 115.4130, -25.8396, 121.5408.



# 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

115.4130, -25.8396, 121.5408

### Protanopia

133.2300, -22.2984, 12.0763

### Deuteranopia

131.3670, -40.1139, 33.0041



## Tritanopia

115.3160, -28.7498, 121.6259

# Trichromacy



## Original Color

115.4130, -25.8396, 121.5408

## Protanomaly

126.8420, -23.5861, 51.8816

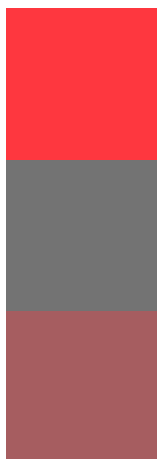
## Deuteranomaly

125.3570, -34.6860, 65.4619

## Tritanomaly

115.5440, -27.8762, 121.4259

# Monochromacy



## Original Color

115.4130, -25.8396, 121.5408

## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

115.1690, -9.4503, 44.5788

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.4130, -25.8396, 121.5408 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(254, 55, 63)` looks like.

```
.text, #text, p{  
    color:rgb(254, 55, 63)  
}
```

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(254, 55, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 55, 63) }
```

## Border

The CSS property to change the border of an element to YUV 115.4130, -25.8396, 121.5408 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(254, 55, 63) }
```



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

```
.border{ border-color:rgb(254, 55, 63) }
```

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

Here you see how a box with a 4 pixel rgb(254, 55, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 55, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 55, 63);  
box-shadow:4px 4px 4px 4px rgb(254, 55,  
63) }
```

# Background

The CSS property to change the background color of an element to YUV 115.4130, -25.8396, 121.5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 55, 63) }
```

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

```
.background{ background-color: rgb(254, 55,  
63) }
```

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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