

# Converting Colors

YUV(132.4730, -30.3062,  
107.4562)

Have a look what the booklet for  
YUV(132.4730, -30.3062, 107.4562)  
contains.

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# Color

**YUV(132.4730, -30.3062,  
107.4562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5247
RGB	255, 82, 71
RGB Percent	100%, 32%, 28%
CMY	0.0000, 0.6784, 0.7216
CMYK	0.00, 0.68, 0.72, 0.00
HSL	4°, 100%, 64%
HSV	4°, 72%, 100%
XYZ	45.3946, 27.7495, 8.9249
YIQ	132.4730, 106.6390, 33.2550

# Conversions

## Conversions Part 2

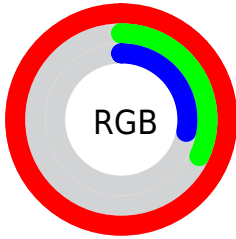
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 83, 71
Decimal	16732743
CIE <sub>Lab</sub>	59.66, 64.71, 43.57
CIE <sub>LCh</sub>	60, 78.009, 33.957
Yxy	27.7495, 0.5531, 0.3381
Android (android.graphics.Color)	4294922823 (0xFFFF5247)
YUV	132.4730, -30.3062, 107.4562
Hunter-Lab	52.6778, 61.6346, 26.8293

# Details

The YUV color **132.4730, -30.3062, 107.4562** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **193.5270, 30.3062, -107.4562**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1050, -25.6878, 72.6989**, and **59.7740, -16.6506, 114.2082** is the 20% darker color. If you saturate the color by 10%, you get **115.5350, -34.2808, 122.3108**, and if you desaturate by 10%, it is **149.5250, -25.8948, 92.5016**.

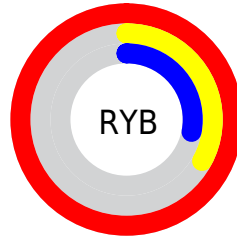
# Distribution



Red (100%)

Green (32%)

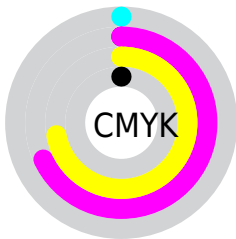
Blue (28%)



Red (100%)

Yellow (33%)

Blue (28%)

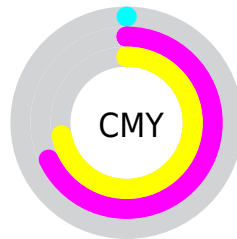


Cyan (0%)

Magenta (68%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.4730, -30.3062, 107.4562 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 132.4730, -30.3062, 107.4562 by changing the saturation by 10% instead.



■ 132.4730,  
-30.3062, 107.4562

■ 132.4730,  
-30.3062, 107.4562

255.0000, 0.0000,  
0.0000

■ 101.4990,  
-26.3750, 106.5564

■ 172.1050,  
-25.6878, 72.6989

■ 59.7740, -16.6506,  
114.2082

■ 192.0920,  
-22.7234, 55.1703

■ 47.7690, -22.5641,  
97.5496

■ 212.1930,  
-19.3221, 37.5417

■ 37.9730, -18.7207,  
78.0767

■ 232.4080,  
-15.4841, 19.8132

■ 28.7040, -14.1511,  
59.0186

■ 252.0360,  
-11.3567, 2.5994

■ 20.3750, -8.5659,  
40.8901

■ 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,  
0.0000

■ 132.4730,  
-30.3062, 107.4562

■ 132.4730,  
-30.3062, 107.4562

■ 115.5350,  
-34.2808, 122.3108

■ 149.5250,  
-25.8948, 92.5016

■ 98.4830, -38.6921,  
137.2654

■ 166.4630,  
-21.9203, 77.6469

■ 85.0500, -41.9296,  
149.0462

■ 183.4010,  
-17.9457, 62.7923

■ 200.4530,  
-13.5343, 47.8377

■ 217.5050, -9.1230,  
32.8831

■ 234.4430, -5.1484,  
18.0285

■ 251.4950, -0.7370,  
3.0739

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.



127.7840, 5.0365, 111.5684



132.4730, -30.3062, 107.4562



134.1600, -66.1409, 74.4047

# Triad

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



132.4730, -30.3062, 107.4562



108.7960, -14.6894, -95.4141



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.



132.4730, -30.3062, 107.4562



193.5270, 30.3062, -107.4562

# 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



132.4730, -30.3062, 107.4562



119.3520, 15.6025, -104.6717

# Square

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



132.4730, -30.3062, 107.4562



122.3140, -60.3008, -25.7084



126.5170, 45.5941, -110.9554



145.5450, 53.9613, 5.6610



# Rectangle

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



132.4730, -30.3062, 107.4562



135.1470, -66.6275, 43.7211



126.5170, 45.5941, -110.9554



120.6420, 66.2385, -105.8030

# Sweetspot

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



132.4730, -30.3062, 107.4562



217.5050, -9.1230, 32.8831



145.9660, 49.3168, 95.6228



105.3400, -5.5906, 19.8728



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.



132.4730, -30.3062, 107.4562



107.0090, -36.4864, 129.7881



185.3030, -56.3514, 61.1243



119.4740, -2.2057, 7.4773



63.5660, -31.3380, 111.7596



21.4840, -10.5916, 37.2865



# Inverse Universe

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



193.5270, 30.3062, -107.4562



180.9910, 36.4864, -129.7881



140.6970, 56.3514, -61.1243



123.5260, 2.2057, -7.4773



127.4340, 31.3380, -111.7596



42.5160, 10.5916, -37.2865



# Previews

## White Background



This preview shows how the YUV color 132.4730, -30.3062, 107.4562 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

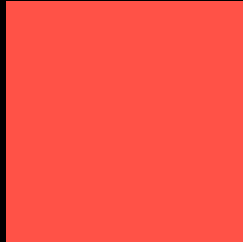
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 132.4730, -30.3062, 107.4562 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 132.4730, -30.3062, 107.4562 Background



This preview shows how black text looks on a background with the YUV color 132.4730, -30.3062, 107.4562.



This preview shows how white text looks on a background with the YUV color 132.4730, -30.3062, 107.4562.



# 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

132.4730, -30.3062, 107.4562

### Protanopia

141.9590, -24.6298, 13.1910

### Deuteranopia

140.7800, -39.8245, 33.5189



## Tritanopia

133.4820, -23.9016, 106.5713

# Trichromacy



## Original Color

132.4730, -30.3062, 107.4562

## Protanomaly

138.3100, -26.7748, 47.9631

## Deuteranomaly

137.8680, -36.4169, 60.6288

## Tritanomaly

132.9120, -26.0856, 107.0712

# Monochromacy



## Original Color

132.4730, -30.3062, 107.4562

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.3810, -11.0338, 39.1309

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.4730, -30.3062, 107.4562 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, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 71)  
}
```

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, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 71) }
```

## Border

The CSS property to change the border of an element to YUV 132.4730, -30.3062, 107.4562 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, 82, 71) }
```



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

```
.border{ border-color:rgb(255, 82, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
71) }
```

# Background

The CSS property to change the background color of an element to YUV 132.4730, -30.3062, 107.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 71) }
```

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

```
.background{ background-color: rgb(255, 82,  
71) }
```

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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