

# Converting Colors

YUV(130.6130, -25.9382,  
106.4564)

Have a look what the booklet for  
YUV(130.6130, -25.9382, 106.4564)  
contains.

<b>YUV(130.6130, -25.9382, 106.4564)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(130.6130, -25.9382,  
106.4564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC4F4E
RGB	252, 79, 78
RGB Percent	99%, 31%, 31%
CMY	0.0118, 0.6902, 0.6941
CMYK	0.00, 0.69, 0.69, 0.01
HSL	0°, 97%, 65%
HSV	0°, 69%, 99%
XYZ	44.3160, 26.8375, 10.0522
YIQ	130.6130, 103.4290, 36.3650

# Conversions

## Conversions Part 2

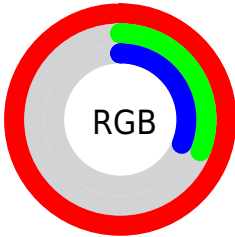
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 79, 78
Decimal	16535374
CIE Lab	58.82, 65.20, 38.61
CIE LCh	59, 75.775, 30.637
Yxy	26.8375, 0.5457, 0.3305
Android (android.graphics.Color)	4294725454 (0xFFFC4F4E)
YUV	130.6130, -25.9382, 106.4564
Hunter-Lab	51.8049, 62.0376, 24.7589

# Details

The YUV color **130.6130, -25.9382, 106.4564** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **199.3870, 25.9382, -106.4564**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1420, -21.7620, 73.5435**, and **59.9740, -13.2982, 112.2788** is the 20% darker color. If you saturate the color by 10%, you get **113.0880, -29.6234, 121.8258**, and if you desaturate by 10%, it is **148.1380, -22.2530, 91.0870**.

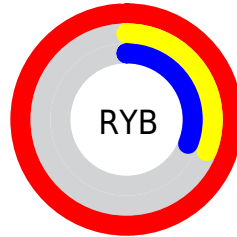
# Distribution



Red (99%)

Green (31%)

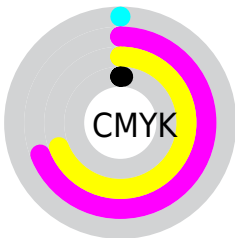
Blue (31%)



Red (99%)

Yellow (31%)

Blue (31%)

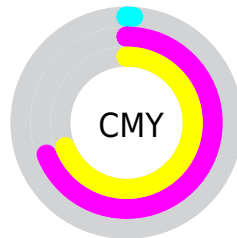


Cyan (0%)

Magenta (69%)

Yellow (69%)

Black (1%)



Cyan (1%)

Magenta (69%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 130.6130, -25.9382, 106.4564 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 130.6130, -25.9382, 106.4564 by changing the saturation by 10% instead.



■ 130.6130,  
-25.9382, 106.4564

■ 130.6130,  
-25.9382, 106.4564

255.0000, 0.0000,  
0.0000

■ 99.6390, -22.0070,  
105.5566

■ 171.1420,  
-21.7620, 73.5435

■ 59.9740, -13.2982,  
112.2788

■ 191.2430,  
-18.3608, 55.9149

■ 48.0120, -17.7539,  
94.7055

■ 211.2300,  
-15.3964, 38.3863

■ 37.3750, -18.4259,  
76.8471

■ 232.0320,  
-11.8478, 20.1429

■ 28.2200, -13.4195,  
57.6891

■ 252.8340, -8.2992,  
1.8996

■ 19.7770, -8.2711,  
39.6606

■ 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,  
0.0000

■ 130.6130,  
-25.9382, 106.4564

■ 130.6130,  
-25.9382, 106.4564

■ 113.0880,  
-29.6234, 121.8258

■ 148.1380,  
-22.2530, 91.0870

■ 95.5630, -33.3086,  
137.1952

■ 165.6630,  
-18.5679, 75.7175

■ 77.9240, -37.4305,  
152.6647

■ 183.3020,  
-14.4459, 60.2481

■ 75.9350, -37.4360,  
154.4090

■ 200.8270,  
-10.7607, 44.8787

■ 218.3520, -7.0755,  
29.5093

■ 235.8770, -3.3904,  
14.1399

■ 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.



129.5280, 6.6417, 110.0389



130.6130, -25.9382, 106.4564



131.8660, -63.5309, 77.2935

# Triad

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



130.6130, -25.9382, 106.4564



105.5360, -17.0262, -92.5551



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.



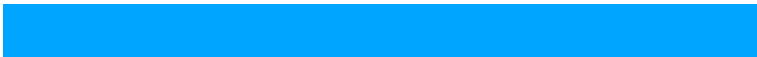
130.6130, -25.9382, 106.4564



199.3870, 25.9382, -106.4564

# 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.



125.9250, 63.6340, -110.4362



130.6130, -25.9382, 106.4564



116.4510, 12.1027, -102.1275

# Square

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



130.6130, -25.9382, 106.4564



122.6570, -60.4699, -18.1162



123.5020, 41.6575, -108.3113



142.2340, 55.5936, -4.5902



# Rectangle

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



130.6130, -25.9382, 106.4564



133.1090, -65.6227, 48.1394



123.5020, 41.6575, -108.3113



120.6420, 66.2385, -105.8030

# Sweetspot

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



130.6130, -25.9382, 106.4564



217.7330, -8.2494, 32.6832



149.8620, 50.3540, 89.5750



105.5680, -4.7170, 19.6729



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.



130.6130, -25.9382, 106.4564



107.5620, -31.8291, 129.3031



181.0950, -50.8258, 62.1837



116.4740, -2.2057, 7.4773



57.0980, -28.1493, 115.6781



18.2390, -8.9918, 37.5014



# Inverse Universe

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



199.3870, 25.9382, -106.4564



191.0250, 31.5397, -129.8179



148.9050, 50.8258, -62.1837



121.1130, 1.9163, -7.9921



131.9020, 28.1493, -115.6781



42.7610, 8.9918, -37.5014



# Previews

## White Background



This preview shows how the YUV color 130.6130, -25.9382, 106.4564 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

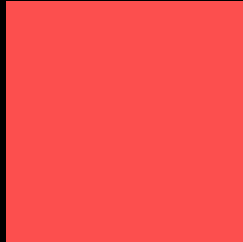
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 130.6130, -25.9382, 106.4564 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 130.6130, -25.9382, 106.4564 Background



This preview shows how black text looks on a background with the YUV color 130.6130, -25.9382, 106.4564.



This preview shows how white text looks on a background with the YUV color 130.6130, -25.9382, 106.4564.



# 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

130.6130, -25.9382, 106.4564

### Protanopia

140.6150, -19.5302, 10.8616

### Deuteranopia

139.3220, -35.1617, 31.2896



## Tritanopia

130.4820, -23.9016, 106.5713

# Trichromacy



## Original Color

130.6130, -25.9382, 106.4564

## Protanomaly

136.9660, -21.6752, 45.6338

## Deuteranomaly

136.4100, -31.7541, 58.3994

## Tritanomaly

130.3680, -24.3384, 106.6713

# Monochromacy



## Original Color

130.6130, -25.9382, 106.4564

## Achromatopsia

131.0000, 0.0000, 0.0000

## Achromatomaly

130.8370, -9.2866, 38.7310

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.6130, -25.9382, 106.4564 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, 79, 78)` looks like.

```
.text, #text, p{  
    color:rgb(252, 79, 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, 79, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 79, 78) }
```

## Border

The CSS property to change the border of an element to YUV 130.6130, -25.9382, 106.4564 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, 79, 78) }
```



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

```
.border{ border-color:rgb(252, 79, 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, 79, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 79, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 79, 78);  
box-shadow:4px 4px 4px 4px rgb(252, 79,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 130.6130, -25.9382, 106.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 79, 78) }
```

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

```
.background{ background-color: rgb(252, 79,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor