

# Converting Colors

YUV(113.2840, -30.2130,  
124.2849)

Have a look what the booklet for  
YUV(113.2840, -30.2130, 124.2849)  
contains.

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# Color

**YUV(113.2840, -30.2130,  
124.2849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3534
RGB	255, 53, 52
RGB Percent	100%, 21%, 20%
CMY	0.0000, 0.7922, 0.7961
CMYK	0.00, 0.79, 0.80, 0.00
HSL	0°, 100%, 60%
HSV	0°, 80%, 100%
XYZ	43.1329, 24.0541, 5.6184
YIQ	113.2840, 120.7130, 42.5130

# Conversions

## Conversions Part 2

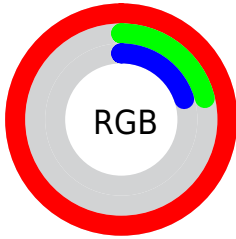
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 53, 52
Decimal	16725300
CIE Lab	56.14, 73.28, 49.92
CIE LCh	56, 88.666, 34.268
Yxy	24.0541, 0.5924, 0.3304
Android (android.graphics.Color)	4294915380 (0xFFFF3534)
YUV	113.2840, -30.2130, 124.2849
Hunter-Lab	49.0450, 71.1541, 27.5395

# Details

The YUV color **113.2840, -30.2130, 124.2849** 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 **193.7160, 30.2130, -124.2849**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9110, -28.0571, 86.0241**, and **57.1950, -25.2391, 115.5930** is the 20% darker color. If you saturate the color by 10%, you get **95.6450, -34.3350, 139.7543**, and if you desaturate by 10%, it is **130.9230, -26.0910, 108.8155**.

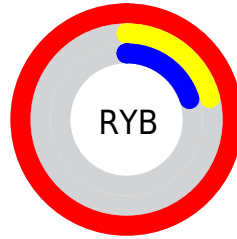
# Distribution



Red (100%)

Green (21%)

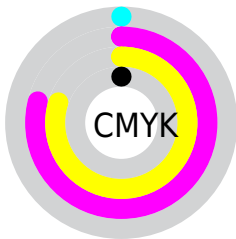
Blue (20%)



Red (100%)

Yellow (21%)

Blue (20%)

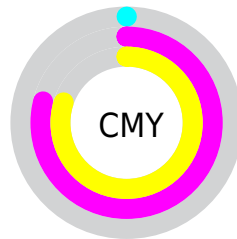


Cyan (0%)

Magenta (79%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (79%)


Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 113.2840, -30.2130, 124.2849 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 113.2840, -30.2130, 124.2849 by changing the saturation by 10% instead.





 113.2840,  
-30.2130, 124.2849

 113.2840,  
-30.2130, 124.2849


255.0000, 0.0000,  
0.0000


 69.6840, -20.0572,  
133.5811


 156.9110,  
-28.0571, 86.0241


 57.1950, -25.2391,  
115.5930


 177.4850,  
-25.3821, 67.9807


 46.6440, -22.9955,  
95.9052


 197.4720,  
-22.4177, 50.4521

 37.0760, -18.2785,  
76.2323

 218.1600,  
-19.3059, 32.3087

 27.7360, -12.6878,  
56.3595

 238.9620,  
-15.7573, 14.0653

 18.8800, -7.8288,  
37.8162

 252.7200, -8.7360,

 8.1870, -3.5432,

1.9996

16.4990

■ 0.0000, 0.0000,  
0.0000

■ 113.2840,  
-30.2130, 124.2849

■ 113.2840,  
-30.2130, 124.2849

■ 95.6450, -34.3350,  
139.7543

■ 130.9230,  
-26.0910, 108.8155

■ 77.5330, -37.7308,  
155.6386

■ 149.0350,  
-22.6953, 92.9313

■ 76.8320, -37.8782,  
156.2533

■ 166.6740,  
-18.5733, 77.4619

■ 184.1990,  
-14.8881, 62.0925

■ 202.3110,  
-11.4923, 46.2083

■ 219.9500, -7.3703,  
30.7389

■ 238.1760, -3.5378,  
14.7546

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.



90.7230, 17.8846, 144.0709



113.2840, -30.2130, 124.2849



125.0340, -61.6418, 78.0232

# Triad

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



113.2840, -30.2130, 124.2849



102.6350, -20.5261, -90.0109



112.4240, 70.2900, -98.5958

# Complementary

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



113.2840, -30.2130, 124.2849



193.7160, 30.2130, -124.2849

# 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



113.2840, -30.2130, 124.2849



113.8580, 14.8600, -99.8535

# Square

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



113.2840, -30.2130, 124.2849



111.0290, -54.7373, -36.8594



122.5220, 48.0567, -107.4518



134.6250, 59.3449, 5.5909



# Rectangle

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



113.2840, -30.2130, 124.2849



127.1730, -62.6963, 42.8213



122.5220, 48.0567, -107.4518



116.5330, 68.2642, -102.1994

# Sweetspot

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



113.2840, -30.2130, 124.2849



212.2390, -8.9918, 37.5014



135.8390, 58.7464, 104.5042



102.0630, -5.4541, 22.7467



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.



113.2840, -30.2130, 124.2849



83.8420, -36.4041, 150.1056



172.5710, -59.4415, 72.2902



118.8870, -1.9163, 7.9921



57.6960, -28.4441, 116.9076



19.1360, -9.4340, 39.3457



# Inverse Universe

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



193.7160, 30.2130, -124.2849



181.1580, 36.4041, -150.1056



135.0160, 59.1521, -72.8050



123.5260, 2.2057, -7.4773



133.3040, 28.4441, -116.9076



44.2770, 9.7234, -38.8309



# Previews

## White Background



This preview shows how the YUV color 113.2840, -30.2130, 124.2849 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

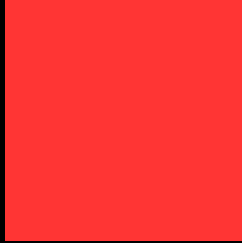
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 113.2840, -30.2130, 124.2849 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 113.2840, -30.2130, 124.2849 Background



This preview shows how black text looks on a background with the YUV color 113.2840, -30.2130, 124.2849.



This preview shows how white text looks on a background with the YUV color 113.2840, -30.2130, 124.2849.



# 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

113.2840, -30.2130, 124.2849

### Protanopia

132.0470, -28.1242, 13.9908

### Deuteranopia

129.9560, -46.8133, 35.1186



## Tritanopia

113.3980, -29.7762, 124.1850

# Trichromacy



## Original Color

113.2840, -30.2130, 124.2849

## Protanomaly

125.1860, -28.6857, 54.2109

## Deuteranomaly

124.0600, -40.9486, 67.4764

## Tritanomaly

113.3980, -29.7762, 124.1850

# Monochromacy



## Original Color

113.2840, -30.2130, 124.2849

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

113.1260, -10.9081, 45.4935

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.2840, -30.2130, 124.2849 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, 53, 52)` looks like.

```
.text, #text, p{  
  color:rgb(255, 53, 52)  
}
```

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, 53, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 52) }
```

## Border

The CSS property to change the border of an element to YUV 113.2840, -30.2130, 124.2849 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, 53, 52) }
```



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

```
.border{ border-color:rgb(255, 53, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 53, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
52) }
```

# Background

The CSS property to change the background color of an element to YUV 113.2840, -30.2130, 124.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 52) }
```

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

```
.background{ background-color: rgb(255, 53,  
52) }
```

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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