

# Converting Colors

YUV(128.1360, -29.1540,  
111.2597)

Have a look what the booklet for  
YUV(128.1360, -29.1540, 111.2597)  
contains.

<b>YUV(128.1360, -29.1540, 111.2597)</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(128.1360, -29.1540,  
111.2597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4B45
RGB	255, 75, 69
RGB Percent	100%, 29%, 27%
CMY	0.0000, 0.7059, 0.7294
CMYK	0.00, 0.71, 0.73, 0.00
HSL	2°, 100%, 64%
HSV	2°, 73%, 100%
XYZ	44.8303, 26.7218, 8.4252
YIQ	128.1360, 109.2060, 36.2940

# Conversions

## Conversions Part 2

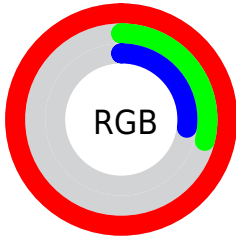
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 75, 69
Decimal	16730949
CIE <sub>Lab</sub>	58.72, 67.16, 43.59
CIE <sub>LCh</sub>	59, 80.065, 32.990
Yxy	26.7218, 0.5605, 0.3341
Android (android.graphics.Color)	4294921029 (0xFFFF4B45)
YUV	128.1360, -29.1540, 111.2597
Hunter-Lab	51.6932, 64.3389, 26.5218

# Details

The YUV color **128.1360, -29.1540, 111.2597** 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 **195.8640, 29.1540, -111.2597**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3550, -24.8250, 75.9877**, and **59.5460, -17.5242, 114.4082** is the 20% darker color. If you saturate the color by 10%, you get **110.4970, -33.2760, 126.7291**, and if you desaturate by 10%, it is **145.6610, -25.4689, 95.8903**.

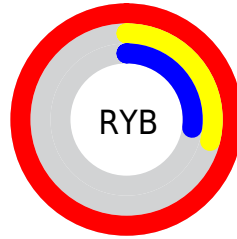
# Distribution



Red (100%)

Green (29%)

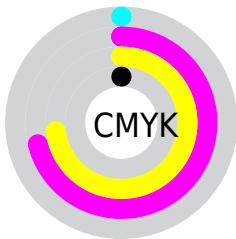
Blue (27%)



Red (100%)

Yellow (29%)

Blue (27%)

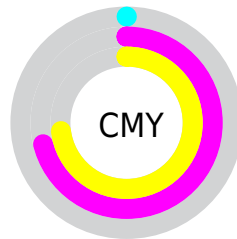


Cyan (0%)

Magenta (71%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (71%)


Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 128.1360, -29.1540, 111.2597 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 128.1360, -29.1540, 111.2597 by changing the saturation by 10% instead.





 128.1360,  
-29.1540, 111.2597

 128.1360,  
-29.1540, 111.2597


255.0000, 0.0000,  
0.0000

 95.6890, -24.4967,  
110.7747


 168.3550,  
-24.8250, 75.9877


 59.5460, -17.5242,  
114.4082


 188.3420,  
-21.8606, 58.4591

 47.2420, -23.2903,  
97.1348


 208.4430,  
-18.4594, 40.8305

 37.6740, -18.5733,  
77.4619

 229.1310,  
-15.3476, 22.6871

 28.5190, -13.5669,  
58.3038

 249.9330,  
-11.7990, 4.4438

 20.0760, -8.4185,  
40.2753

 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,  
0.0000

■ 128.1360,  
-29.1540, 111.2597

■ 128.1360,  
-29.1540, 111.2597

■ 110.4970,  
-33.2760, 126.7291

■ 145.6610,  
-25.4689, 95.8903

■ 93.5590, -37.2506,  
141.5838

■ 162.7130,  
-21.0575, 80.9357

■ 80.9410, -39.9039,  
152.6497

■ 180.3520,  
-16.9355, 65.4663

■ 197.8770,  
-13.2504, 50.0969

■ 214.8150, -9.2758,  
35.2422

■ 232.4540, -5.1538,  
19.7728

■ 249.9790, -1.4686,  
4.4034

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.



121.8000, 7.4936, 116.8164



128.1360, -29.1540, 111.2597



131.2250, -64.6939, 76.9787

# Triad

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



128.1360, -29.1540, 111.2597



106.9380, -16.7314, -93.7846



115.9460, 68.5536, -101.6846

# Complementary

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



128.1360, -29.1540, 111.2597



195.8640, 29.1540, -111.2597

# 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



128.1360, -29.1540, 111.2597



117.7220, 14.4341, -103.2422

# Square

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



128.1360, -29.1540, 111.2597



119.9550, -59.1378, -25.3935



125.0010, 44.8625, -109.6259



142.2780, 55.5719, 2.3872



# Rectangle

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



128.1360, -29.1540, 111.2597



133.0870, -65.6119, 44.6507



125.0010, 44.8625, -109.6259



120.0550, 66.5279, -105.2882

# Sweetspot

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



128.1360, -29.1540, 111.2597



216.9180, -8.8336, 33.3979



145.4760, 52.5163, 96.0525



104.7530, -5.3012, 20.3876



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.



128.1360, -29.1540, 111.2597



102.0850, -35.0449, 134.1065



180.9660, -55.1992, 64.9278



118.8870, -1.9163, 7.9921



60.6310, -29.8911, 114.3336



20.3100, -10.0128, 38.3161



# Inverse Universe

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



195.8640, 29.1540, -111.2597



183.9150, 35.0449, -134.1065



143.0340, 55.1992, -64.9278



123.5260, 2.2057, -7.4773



130.3690, 29.8911, -114.3336



43.6900, 10.0128, -38.3161



# Previews

## White Background



This preview shows how the YUV color 128.1360, -29.1540, 111.2597 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

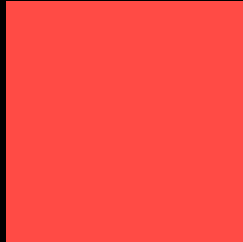
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 128.1360, -29.1540, 111.2597 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 128.1360, -29.1540, 111.2597 Background



This preview shows how black text looks on a background with the YUV color 128.1360, -29.1540, 111.2597.



This preview shows how white text looks on a background with the YUV color 128.1360, -29.1540, 111.2597.



# 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

128.1360, -29.1540, 111.2597

### Protanopia

139.1870, -23.7562, 12.9910

### Deuteranopia

138.4810, -39.6771, 32.9042



## Tritanopia

128.4610, -25.3703, 110.9747

# Trichromacy



## Original Color

128.1360, -29.1540, 111.2597

## Protanomaly

135.2500, -25.7592, 48.8927

## Deuteranomaly

134.6940, -35.8381, 61.6584

## Tritanomaly

128.1190, -26.6807, 111.2746

# Monochromacy



## Original Color

128.1360, -29.1540, 111.2597

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.2070, -10.4551, 40.1605

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.1360, -29.1540, 111.2597 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, 75, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 69)  
}
```

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, 75, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 69) }
```

## Border

The CSS property to change the border of an element to YUV 128.1360, -29.1540, 111.2597 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, 75, 69) }
```



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

```
.border{ border-color:rgb(255, 75, 69) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
69) }
```

# Background

The CSS property to change the background color of an element to YUV 128.1360, -29.1540, 111.2597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 69) }
```

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

```
.background{ background-color: rgb(255, 75,  
69) }
```

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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