

# Converting Colors

YUV(111.8480, -29.0121,  
112.3893)

Have a look what the booklet for  
YUV(111.8480, -29.0121, 112.3893)  
contains.

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# Color

**YUV(111.8480, -29.0121,  
112.3893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F03A35
RGB	240, 58, 53
RGB Percent	94%, 23%, 21%
CMY	0.0588, 0.7725, 0.7922
CMYK	0.00, 0.76, 0.78, 0.06
HSL	2°, 86%, 57%
HSV	2°, 78%, 94%
XYZ	38.0908, 21.8084, 5.5700
YIQ	111.8480, 110.0770, 37.0290

# Conversions

## Conversions Part 2

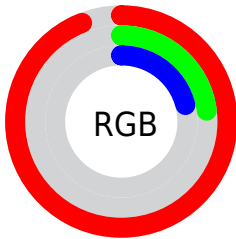
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 58, 53
Decimal	15743541
CIE <sub>Lab</sub>	53.82, 67.67, 46.14
CIE <sub>LCh</sub>	54, 81.907, 34.287
Yxy	21.8084, 0.5818, 0.3331
Android (android.graphics.Color)	4293933621 (0xFFFF03A35)
YUV	111.8480, -29.0121, 112.3893
Hunter-Lab	46.6995, 63.8710, 25.6179

# Details

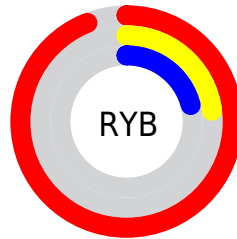
The YUV color **111.8480, -29.0121, 112.3893** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **181.1520, 29.0121, -112.3893**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6120, -27.9097, 85.4093**, and **53.2370, -22.3018, 106.7862** is the 20% darker color. If you saturate the color by 10%, you get **95.6110, -32.8392, 126.6292**, and if you desaturate by 10%, it is **128.0850, -25.1849, 98.1495**.

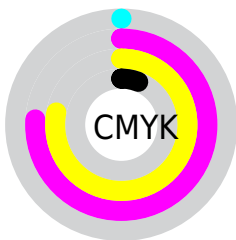
# Distribution



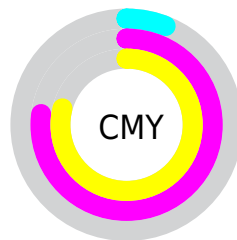
- Red (94%)
- Green (23%)
- Blue (21%)



- Red (94%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (76%)
- Yellow (78%)
- Black (6%)



- Cyan (6%)
- Magenta (77%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.8480, -29.0121, 112.3893 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 111.8480, -29.0121, 112.3893 by changing the saturation by 10% instead.



■ 111.8480,  
-29.0121, 112.3893

■ 111.8480,  
-29.0121, 112.3893

255.0000, 0.0000,  
0.0000

■ 72.9440, -21.1714,  
117.5671

■ 157.6120,  
-27.9097, 85.4093

■ 53.2370, -22.3018,  
106.7862

■ 177.4850,  
-25.3821, 67.9807

■ 42.7570, -21.0792,  
87.9131

■ 197.5860,  
-21.9809, 50.3521

■ 33.1890, -16.3622,  
68.2402

■ 218.2740,  
-18.8691, 32.2087

■ 24.4470, -11.0664,  
49.5970

■ 238.9620,  
-15.7573, 14.0653

■ 15.4770, -6.6442,  
31.1537

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 111.8480,  
-29.0121, 112.3893

■ 111.8480,  
-29.0121, 112.3893

■ 95.6110, -32.8392,  
126.6292

■ 128.0850,  
-25.1849, 98.1495

■ 78.7870, -36.3770,  
141.3838

■ 144.9090,  
-21.6471, 83.3948


■ 75.2820, -37.1140,  
144.4577


■ 161.1460,  
-17.8200, 69.1550


■ 177.3830,  
-13.9928, 54.9151

■ 194.2070,  
-10.4551, 40.1605

■ 210.4440, -6.6279,  
25.9206

 227.2680, -3.0901,  
11.1660

 243.5050, 0.7370,  
-3.0739

 250.5150, 2.2111,  
-9.2217

# Harmonies

## Analogous

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



97.1640, 12.2441, 133.1602



111.8480, -29.0121, 112.3893



119.9840, -59.1521, 72.8050

# Triad

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



111.8480, -29.0121, 112.3893



98.0530, -17.7741, -85.9925



108.3150, 72.3157, -94.9923

# Complementary

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



111.8480, -29.0121, 112.3893



181.1520, 29.0121, -112.3893

# 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.



118.2940, 67.3961, -103.7438



111.8480, -29.0121, 112.3893



108.3640, 14.1175, -95.0352

# Square

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



111.8480, -29.0121, 112.3893



106.9310, -52.7170, -31.5115



116.3440, 44.6934, -102.0337



129.5710, 57.8925, 4.7612



# Rectangle

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



111.8480, -29.0121, 112.3893



120.9600, -59.6333, 40.3771



116.3440, 44.6934, -102.0337



112.4240, 70.2900, -98.5958

# Sweetspot

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



111.8480, -29.0121, 112.3893



214.8150, -9.2758, 35.2422



129.8890, 52.8057, 96.5673



103.3510, -5.5960, 21.6172



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.



111.8480, -29.0121, 112.3893



90.8690, -37.4034, 143.9429



165.8520, -55.6360, 65.0278



111.5880, -1.7689, 7.3773



57.9510, -28.5698, 110.5450



17.3310, -8.5442, 33.9127



# Inverse Universe

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



181.1520, 29.0121, -112.3893



179.7180, 37.1140, -144.4577



127.1480, 55.6360, -65.0278



116.4120, 1.7689, -7.3773



126.0490, 28.5698, -110.5450



38.6690, 8.5442, -33.9127



# Previews

## White Background



This preview shows how the YUV color 111.8480, -29.0121, 112.3893 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 111.8480, -29.0121, 112.3893 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 111.8480, -29.0121, 112.3893 Background



This preview shows how black text looks on a background with the YUV color 111.8480, -29.0121, 112.3893.



This preview shows how white text looks on a background with the YUV color 111.8480, -29.0121, 112.3893.



# 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

111.8480, -29.0121, 112.3893

### Protanopia

126.6170, -25.9402, 13.4909

### Deuteranopia

125.0850, -42.4399, 32.3745



## Tritanopia

111.9450, -26.1019, 112.3042

# Trichromacy



## Original Color

111.8480, -29.0121, 112.3893

## Protanomaly

121.2070, -27.2171, 49.8075

## Deuteranomaly

119.9390, -37.4379, 61.4435

## Tritanomaly

111.7170, -26.9755, 112.5042

# Monochromacy



## Original Color

111.8480, -29.0121, 112.3893

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

111.9190, -10.3131, 41.2900

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.8480, -29.0121, 112.3893 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(240, 58, 53)` looks like.

```
.text, #text, p{  
    color:rgb(240, 58, 53)  
}
```

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(240, 58, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 58, 53) }
```

## Border

The CSS property to change the border of an element to YUV 111.8480, -29.0121, 112.3893 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(240, 58, 53) }
```



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

```
.border{ border-color:rgb(240, 58, 53) }
```

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

Here you see how a box with a 4 pixel rgb(240, 58, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 58, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 58, 53);  
box-shadow:4px 4px 4px 4px rgb(240, 58,  
53) }
```

# Background

The CSS property to change the background color of an element to YUV 111.8480, -29.0121, 112.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 58, 53) }
```

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

```
.background{ background-color: rgb(240, 58,  
53) }
```

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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