

# Converting Colors

YUV(119.0060, -28.5970,  
119.2667)

Have a look what the booklet for  
YUV(119.0060, -28.5970, 119.2667)  
contains.

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# Color

**YUV(119.0060, -28.5970,  
119.2667)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3D3D
RGB	255, 61, 61
RGB Percent	100%, 24%, 24%
CMY	0.0000, 0.7608, 0.7608
CMYK	0.00, 0.76, 0.76, 0.00
HSL	0°, 100%, 62%
HSV	0°, 76%, 100%
XYZ	43.7510, 24.9344, 6.9218
YIQ	119.0060, 115.6240, 41.1280

# Conversions

## Conversions Part 2

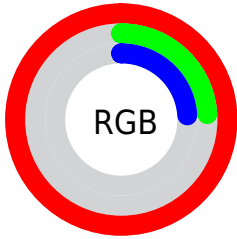
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 61, 61</a>
Decimal	<a href="#">16727357</a>
CIELab	<a href="#">57.01, 71.35, 46.06</a>
CIELCh	<a href="#">57, 84.930, 32.843</a>
Yxy	<a href="#">24.9344, 0.5787, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4294917437</a> ( <a href="#">0xFFFF3D3D</a> )
YUV	<a href="#">119.0060, -28.5970, 119.2667</a>
Hunter-Lab	<a href="#">49.9344, 69.0114, 26.7354</a>

# Details

The YUV color **119.0060, -28.5970, 119.2667** 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 **196.9940, 28.5970, -119.2667**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8720, -25.5729, 82.5503**, and **58.3350, -20.8712, 114.5932** is the 20% darker color. If you saturate the color by 10%, you get **100.7800, -32.4295, 135.2509**, and if you desaturate by 10%, it is **137.2320, -24.7644, 103.2825**.

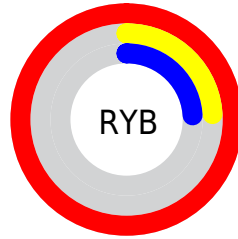
# Distribution



Red (100%)

Green (24%)

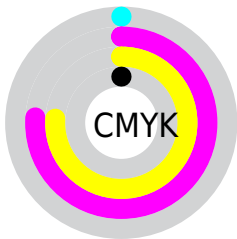
Blue (24%)



Red (100%)

Yellow (24%)

Blue (24%)

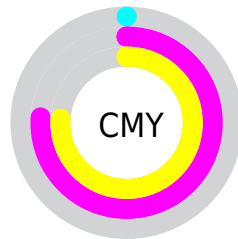


Cyan (0%)

Magenta (76%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (76%)


Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.0060, -28.5970, 119.2667 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 119.0060, -28.5970, 119.2667 by changing the saturation by 10% instead.




 119.0060,  
-28.5970, 119.2667


 119.0060,  
-28.5970, 119.2667


255.0000, 0.0000,  
0.0000


 79.5150, -20.4669,  
124.9593


 160.8720,  
-25.5729, 82.5503


 58.3350, -20.8712,  
114.5932


 181.4460,  
-22.8979, 64.5069


 46.9430, -23.1429,  
96.5200


 201.5470,  
-19.4967, 46.8783

 37.3750, -18.4259,  
76.8471

 222.2350,  
-16.3849, 28.7349

 28.0350, -12.8353,  
56.9743

 243.0370,  
-12.8362, 10.4916

 19.4780, -8.1237,  
39.0458

 253.8600, -4.3680,

 8.7850, -3.8380,

0.9998

17.7286

■ 0.0000, 0.0000,  
0.0000

■ 119.0060,  
-28.5970, 119.2667

■ 119.0060,  
-28.5970, 119.2667

■ 100.7800,  
-32.4295, 135.2509

■ 137.2320,  
-24.7644, 103.2825

■ 83.2550, -36.1147,  
150.6204

■ 154.7570,  
-21.0792, 87.9131

■ 76.2450, -37.5888,  
156.7681

■ 172.9830,  
-17.2466, 71.9289

■ 190.5080,  
-13.5614, 56.5595

■ 208.7340, -9.7289,  
40.5753

■ 226.2590, -6.0437,  
25.2059

■ 244.4850, -2.2111,  
9.2217

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.



104.3210, 14.1387, 132.1455



119.0060, -28.5970, 119.2667



127.1050, -62.6628, 78.8379

# Triad

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



119.0060, -28.5970, 119.2667



103.4500, -19.9419, -90.7257



114.1850, 69.4218, -100.1402

# Complementary

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



119.0060, -28.5970, 119.2667



196.9940, 28.5970, -119.2667

# 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.



124.1640, 64.5021, -108.8918



119.0060, -28.5970, 119.2667



114.8040, 13.4076, -100.6831

# Square

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



119.0060, -28.5970, 119.2667



115.5030, -56.9430, -29.3821



123.2400, 45.7307, -108.0815



136.6630, 58.3401, 1.1725



# Rectangle

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



119.0060, -28.5970, 119.2667



129.2550, -63.7227, 45.3804



123.2400, 45.7307, -108.0815



118.2940, 67.3961, -103.7438

# Sweetspot

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



119.0060, -28.5970, 119.2667



213.6410, -8.6970, 36.2718



141.1220, 56.1419, 99.8710



102.7640, -5.3067, 22.1320



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.



119.0060, -28.5970, 119.2667



92.3680, -34.1984, 142.6283



175.9450, -56.6679, 69.3312



118.8870, -1.9163, 7.9921



57.1090, -28.1547, 117.4224



19.1360, -9.4340, 39.3457



# Inverse Universe

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



196.9940, 28.5970, -119.2667



185.6320, 34.1984, -142.6283



140.0550, 56.6679, -69.3312



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457



# Previews

## White Background



This preview shows how the YUV color 119.0060, -28.5970, 119.2667 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

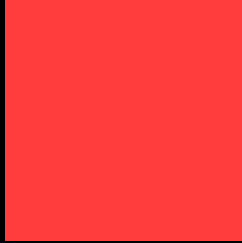
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.0060, -28.5970, 119.2667 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 119.0060, -28.5970, 119.2667 Background



This preview shows how black text looks on a background with the YUV color 119.0060, -28.5970, 119.2667.



This preview shows how white text looks on a background with the YUV color 119.0060, -28.5970, 119.2667.



# 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

119.0060, -28.5970, 119.2667

### Protanopia

134.9590, -24.6298, 13.1910

### Deuteranopia

132.7970, -42.2979, 33.5040



## Tritanopia

119.1200, -28.1602, 119.1668

# Trichromacy



## Original Color

119.0060, -28.5970, 119.2667

## Protanomaly

128.8590, -26.0595, 51.8667

## Deuteranomaly

127.9610, -37.4488, 64.9322

## Tritanomaly

119.1200, -28.1602, 119.1668

# Monochromacy



## Original Color

119.0060, -28.5970, 119.2667

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

118.9300, -10.3185, 43.0344

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.0060, -28.5970, 119.2667 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, 61, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 61)  
}
```

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, 61, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 61) }
```

## Border

The CSS property to change the border of an element to YUV 119.0060, -28.5970, 119.2667 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, 61, 61) }
```



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

```
.border{ border-color:rgb(255, 61, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
61) }
```

# Background

The CSS property to change the background color of an element to YUV 119.0060, -28.5970, 119.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 61) }
```

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

```
.background{ background-color: rgb(255, 61,  
61) }
```

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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