

# Converting Colors

YUV(95.3050, -28.7444,  
119.8815)

Have a look what the booklet for  
YUV(95.3050, -28.7444, 119.8815)  
contains.

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# Color

**YUV(95.3050, -28.7444,  
119.8815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E82525
RGB	232, 37, 37
RGB Percent	91%, 15%, 15%
CMY	0.0902, 0.8549, 0.8549
CMYK	0.00, 0.84, 0.84, 0.09
HSL	0°, 81%, 53%
HSV	0°, 84%, 91%
XYZ	34.2742, 18.6125, 3.5364
YIQ	95.3050, 116.2200, 41.3400

# Conversions

## Conversions Part 2

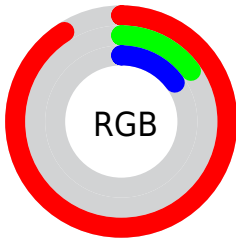
<b>Format</b>	<b>Color</b>
<b>RYB</b>	232, 37, 37
Decimal	15213861
CIELab	50.23, 70.41, 50.38
CIElCh	50, 86.578, 35.584
Yxy	18.6125, 0.6074, 0.3299
Android (android.graphics.Color)	4293403941 (0xFFE82525)
YUV	95.3050, -28.7444, 119.8815
Hunter-Lab	43.1422, 66.3099, 25.3395

# Details

The YUV color **95.3050, -28.7444, 119.8815** 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 **173.6950, 28.7444, -119.8815**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8690, -30.9944, 94.8309**, and **49.9330, -24.6170, 102.6678** is the 20% darker color. If you saturate the color by 10%, you get **79.1820, -32.1347, 134.0214**, and if you desaturate by 10%, it is **111.4280, -25.3540, 105.7416**.

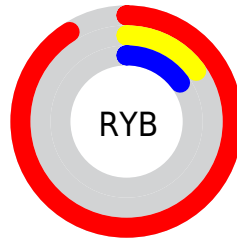
# Distribution



Red (91%)

Green (15%)

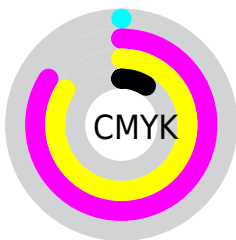
Blue (15%)



Red (91%)

Yellow (15%)

Blue (15%)

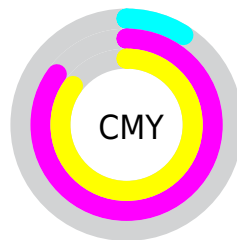


Cyan (0%)

Magenta (84%)

Yellow (84%)

Black (9%)



Cyan (9%)

Magenta (85%)


Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 95.3050, -28.7444, 119.8815 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 95.3050, -28.7444, 119.8815 by changing the saturation by 10% instead.




 95.3050, -28.7444,  
119.8815


 95.3050, -28.7444,  
119.8815


255.0000, 0.0000,  
0.0000


 61.0970, -23.2188,  
120.9409


 146.8690,  
-30.9944, 94.8309

 49.9330, -24.6170,  
102.6678


 167.3290,  
-28.7562, 76.8875


 40.0660, -19.7525,  
82.3801


 187.3160,  
-25.7918, 59.3589

 30.9110, -14.7461,  
63.2221

 208.0040,  
-22.6800, 41.2155

 22.5820, -9.1609,  
45.0936

 228.1050,  
-19.2788, 23.5869

 12.3730, -5.6069,  
25.1059

 249.4940,

 0.0000, 0.0000,

-16.0195, 4.8288

0.0000

253.9740, -3.9312,  
0.8998

95.3050, -28.7444,  
119.8815

95.3050, -28.7444,  
119.8815

79.1820, -32.1347,  
134.0214

111.4280,  
-25.3540, 105.7416

69.3680, -34.1984,  
142.6283

127.5510,  
-21.9636, 91.6018

144.3750,  
-18.4259, 76.8471

160.4980,  
-15.0355, 62.7073

176.6210,  
-11.6452, 48.5674

■ 192.7440, -8.2548,  
34.4275

■ 208.8670, -4.8644,  
20.2876

■ 225.6910, -1.3267,  
5.5330

■ 241.8140, 2.0637,  
-8.6069

# Harmonies

## Analogous

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



85.0830, 11.7911, 138.4932



95.3050, -28.7444, 119.8815



110.8250, -54.6367, 71.1905

# Triad

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



95.3050, -28.7444, 119.8815



91.7440, -19.1008, -80.4595



103.0320, 74.9202, -90.3591

# Complementary

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



95.3050, -28.7444, 119.8815



173.6950, 28.7444, -119.8815

# 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.



113.0110, 70.0006, -99.1106



95.3050, -28.7444, 119.8815



102.5110, 14.5381, -89.9021

# Square

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



95.3050, -28.7444, 119.8815



95.0590, -46.8641, -42.1477



110.8330, 46.4243, -97.2005



119.4620, 59.9182, 8.3648



# Rectangle

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



95.3050, -28.7444, 119.8815



112.6760, -55.5493, 37.1181



110.8330, 46.4243, -97.2005



107.1410, 72.8945, -93.9627

# Sweetspot

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



95.3050, -28.7444, 119.8815



210.1360, -9.4340, 39.3457



117.5350, 56.4312, 100.3858



100.6610, -5.7489, 23.9763



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.



95.3050, -28.7444, 119.8815



76.2450, -37.5888, 156.7681



152.8310, -57.1047, 69.4312



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536



# Inverse Universe

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



173.6950, 28.7444, -119.8815



178.7550, 37.5888, -156.7681



116.7560, 56.8153, -69.9460



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536



# Previews

## White Background



This preview shows how the YUV color 95.3050, -28.7444, 119.8815 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 95.3050, -28.7444, 119.8815 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 95.3050, -28.7444, 119.8815

## Background



This preview shows how black text looks on a background with the YUV color 95.3050, -28.7444, 119.8815.



This preview shows how white text looks on a background with the YUV color 95.3050, -28.7444,



# 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

95.3050, -28.7444, 119.8815

### Protanopia

116.7050, -29.4346, 14.2907

### Deuteranopia

113.2780, -51.9021, 33.9592



## Tritanopia

95.0770, -29.6180, 120.0815

# Trichromacy



## Original Color

95.3050, -28.7444, 119.8815

## Protanomaly

109.0610, -29.1171, 52.5665

## Deuteranomaly

106.7670, -43.2691, 65.1023

## Tritanomaly

95.1910, -29.1812, 119.9815

# Monochromacy



## Original Color

95.3050, -28.7444, 119.8815

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.2290, -10.4659, 43.6492

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.3050, -28.7444, 119.8815 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(232, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(232, 37, 37)  
}
```

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(232, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 37, 37) }
```

## Border

The CSS property to change the border of an element to YUV 95.3050, -28.7444, 119.8815 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(232, 37, 37) }
```



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

```
.border{ border-color:rgb(232, 37, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(232, 37,  
37) }
```

# Background

The CSS property to change the background color of an element to YUV 95.3050, -28.7444, 119.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 37, 37) }
```

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

```
.background{ background-color: rgb(232, 37,  
37) }
```

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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