

# Converting Colors

YUV(83.2990, -22.8254,  
134.7958)

Have a look what the booklet for  
YUV(83.2990, -22.8254, 134.7958)  
contains.

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# Color

**YUV(83.2990, -22.8254,  
134.7958)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED0E25
RGB	237, 14, 37
RGB Percent	93%, 5%, 15%
CMY	0.0706, 0.9451, 0.8549
CMYK	0.00, 0.94, 0.84, 0.07
HSL	354°, 89%, 49%
HSV	354°, 94%, 93%
XYZ	35.4160, 18.4522, 3.4453
YIQ	83.2990, 125.5250, 54.4290

# Conversions

## Conversions Part 2

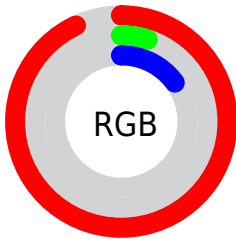
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">237, 14, 37</a>
Decimal	<a href="#">15535653</a>
CIELab	<a href="#">50.04, 75.14, 50.60</a>
CIElCh	<a href="#">50, 90.592, 33.958</a>
Yxy	<a href="#">18.4522, 0.6179, 0.3220</a>
Android (android.graphics.Color)	<a href="#">4293725733 (0xFFED0E25)</a>
YUV	<a href="#">83.2990, -22.8254, 134.7958</a>
Hunter-Lab	<a href="#">42.9560, 71.9953, 25.3139</a>

# Details

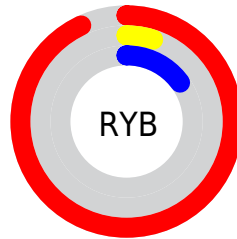
The YUV color **83.2990, -22.8254, 134.7958** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **167.7010, 22.8254, -134.7958**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1730, -28.6793, 98.9493**, and **51.1290, -25.2066, 105.1269** is the 20% darker color. If you saturate the color by 10%, you get **73.5990, -24.4523, 143.3027**, and if you desaturate by 10%, it is **99.7810, -20.5980, 120.3411**.

# Distribution



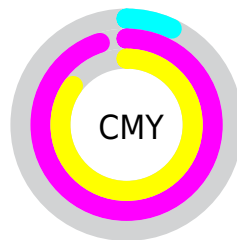
- Red (93%)
- Green (5%)
- Blue (15%)



- Red (93%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (94%)
- Yellow (84%)
- Black (7%)




- Cyan (7%)
- Magenta (95%)
- Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 83.2990, -22.8254, 134.7958 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 83.2990, -22.8254, 134.7958 by changing the saturation by 10% instead.





 83.2990, -22.8254,  
134.7958


 83.2990, -22.8254,  
134.7958


255.0000, 0.0000,  
0.0000

 62.5920, -23.9559,  
124.0148


 142.1730,  
-28.6793, 98.9493


 51.1290, -25.2066,  
105.1269


 163.2200,  
-26.7305, 80.4911


 41.2620, -20.3422,  
84.8392


 183.7940,  
-24.0554, 62.4477

 31.9220, -14.7515,  
64.9664

 203.7810,  
-21.0910, 44.9191

 23.4790, -9.6031,  
46.9379

 224.4690,  
-17.9792, 26.7757

 13.2700, -6.0491,  
26.9502

 245.8580,

 0.0000, 0.0000,

-14.7200, 8.0175

0.0000

253.8600, -4.3680,  
0.9998

83.2990, -22.8254,  
134.7958

83.2990, -22.8254,  
134.7958

73.5990, -24.4523,  
143.3027

99.7810, -20.5980,  
120.3411

115.7900,  
-17.6445, 106.3012

132.2720,  
-15.4171, 91.8465

148.7540,  
-13.1897, 77.3917

165.2360,  
-10.9623, 62.9370

■ 181.2450, -8.0088,  
48.8971

■ 197.7270, -5.7814,  
34.4424

■ 214.2090, -3.5540,  
19.9877

■ 230.1040, -1.0373,  
6.0478

# Harmonies

## Analogous

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



86.7350, 12.9486, 140.5524



83.2990, -22.8254, 134.7958



109.9720, -54.2162, 76.3236

# Triad

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



83.2990, -22.8254, 134.7958



90.6040, -23.4688, -79.4597



103.6190, 74.6308, -90.8739

# Complementary

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



83.2990, -22.8254, 134.7958



167.7010, 22.8254, -134.7958

# 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.



113.5980, 69.7112, -99.6254



83.2990, -22.8254, 134.7958



102.0550, 12.7909, -89.5022

# Square

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



83.2990, -22.8254, 134.7958



94.4720, -46.5747, -41.6329



111.3060, 45.6981, -97.6154



118.2700, 64.4499, 1.5172



# Rectangle

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



83.2990, -22.8254, 134.7958



112.3990, -55.4127, 39.9921



111.3060, 45.6981, -97.6154



108.3150, 72.3157, -94.9923

# Sweetspot

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



83.2990, -22.8254, 134.7958



206.0270, -7.4083, 42.9493



98.3250, 68.3668, 98.8160



97.7260, -4.3019, 26.5503



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.



83.2990, -22.8254, 134.7958



79.2090, -26.2320, 154.1687



130.5720, -57.4700, 93.3374



109.4030, -1.1847, 6.6626



56.2850, -18.3815, 109.3751



16.8300, -5.3392, 32.5981



# Inverse Universe

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



83.2990, -22.8254, 134.7958



79.2090, -26.2320, 154.1687



120.4280, 57.4700, -93.3374



109.4030, -1.1847, 6.6626



56.2850, -18.3815, 109.3751



16.8300, -5.3392, 32.5981



# Previews

## White Background



This preview shows how the YUV color 83.2990, -22.8254, 134.7958 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 83.2990, -22.8254, 134.7958 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 83.2990, -22.8254, 134.7958

## Background



This preview shows how black text looks on a background with the YUV color 83.2990, -22.8254, 134.7958.



This preview shows how white text looks on a background with the YUV color 83.2990, -22.8254,



# 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

83.2990, -22.8254, 134.7958

### Protanopia

117.0470, -28.1242, 13.9908

### Deuteranopia

112.3660, -55.3964, 34.7590



## Tritanopia

83.1900, -41.0127, 134.8914

# Trichromacy



## Original Color

83.2990, -22.8254, 134.7958

## Protanomaly

104.6040, -25.9338, 58.2293

## Deuteranomaly

101.9850, -43.8696, 71.0502

## Tritanomaly

82.9110, -34.4661, 135.1361

# Monochromacy



## Original Color

83.2990, -22.8254, 134.7958

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

83.1310, -8.4456, 48.9971

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 83.2990, -22.8254, 134.7958 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(237, 14, 37)` looks like.

```
.text, #text, p{  
    color:rgb(237, 14, 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(237, 14, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 14, 37) }
```

## Border

The CSS property to change the border of an element to YUV 83.2990, -22.8254, 134.7958 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(237, 14, 37) }
```



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

```
.border{ border-color:rgb(237, 14, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 14, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 14, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 14, 37);  
box-shadow:4px 4px 4px 4px rgb(237, 14,  
37) }
```

# Background

The CSS property to change the background color of an element to YUV 83.2990, -22.8254, 134.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 14, 37) }
```

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

```
.background{ background-color: rgb(237, 14,  
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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