

# Converting Colors

YUV(130.3830, -23.8528,  
90.8721)

Have a look what the booklet for  
YUV(130.3830, -23.8528, 90.8721)  
contains.

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# Color

**YUV(130.3830, -23.8528,  
90.8721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA5752
RGB	234, 87, 82
RGB Percent	92%, 34%, 32%
CMY	0.0824, 0.6588, 0.6784
CMYK	0.00, 0.63, 0.65, 0.08
HSL	2°, 78%, 62%
HSV	2°, 65%, 92%
XYZ	38.8629, 24.9180, 10.7440
YIQ	130.3830, 89.2170, 29.6090

# Conversions

## Conversions Part 2

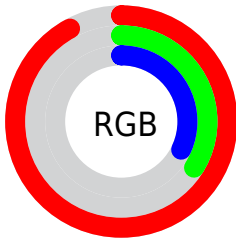
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 87, 82
Decimal	15357778
CIE Lab	57.00, 56.47, 33.43
CIE LCh	57, 65.629, 30.627
Yxy	24.9180, 0.5215, 0.3344
Android (android.graphics.Color)	4293547858 (0xFFEA5752)
YUV	130.3830, -23.8528, 90.8721
Hunter-Lab	49.9179, 51.6121, 22.1814

# Details

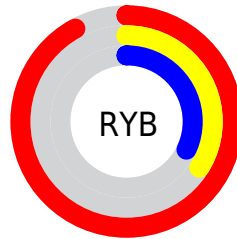
The YUV color **130.3830, -23.8528, 90.8721** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **185.6170, 23.8528, -90.8721**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2340, -21.3144, 69.9548**, and **70.3210, -16.4273, 89.1725** is the 20% darker color. If you saturate the color by 10%, you get **114.2600, -27.2432, 105.0120**, and if you desaturate by 10%, it is **146.5060, -20.4625, 76.7322**.

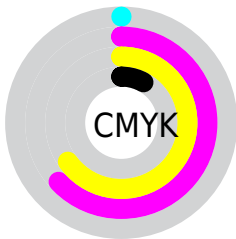
# Distribution



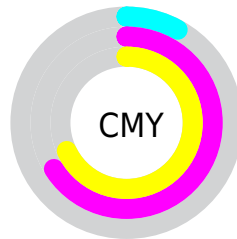
- Red (92%)
- Green (34%)
- Blue (32%)



- Red (92%)
- Yellow (34%)
- Blue (32%)



- Cyan (0%)
- Magenta (63%)
- Yellow (65%)
- Black (8%)



- Cyan (8%)
- Magenta (66%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 130.3830, -23.8528, 90.8721 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 130.3830, -23.8528, 90.8721 by changing the saturation by 10% instead.



■ 130.3830,  
-23.8528, 90.8721

■ 130.3830,  
-23.8528, 90.8721

■ 255.0000, 0.0000,  
0.0000

■ 101.4690,  
-20.9372, 89.0427

■ 175.2340,  
-21.3144, 69.9548

■ 70.3210, -16.4273,  
89.1725

■ 194.6340,  
-18.0606, 52.9410

■ 43.9830, -13.7956,  
85.0839

■ 214.7350,  
-14.6594, 35.3124

■ 33.1890, -16.3622,  
68.2402

■ 234.9500,  
-10.8214, 17.5838

■ 23.9200, -11.7926,  
49.1822

■ 253.4040, -6.1152,  
1.3997

■ 16.0750, -6.9390,  
32.3832

■ 0.2990, -0.1474,

0.6148

■ 0.0000, 0.0000,  
0.0000

■ 130.3830,  
-23.8528, 90.8721

■ 130.3830,  
-23.8528, 90.8721

■ 114.2600,  
-27.2432, 105.0120

■ 146.5060,  
-20.4625, 76.7322

■ 98.6100, -31.3597,  
118.7370

■ 162.1560,  
-16.3459, 63.0072


■ 82.4870, -34.7501,  
132.8769


■ 178.2790,  
-12.9555, 48.8673


■ 74.6620, -36.8084,  
139.7394

■ 194.5160, -9.1284,  
34.6275

■ 210.0520, -5.4486,  
21.0024

 226.1750, -2.0583,  
6.8625

 241.8250, 2.0583,  
-6.8625

 248.7210, 3.0955,  
-12.9103

# Harmonies

## Analogous

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



131.4950, 3.2070, 91.6509



130.3830, -23.8528, 90.8721



131.1710, -49.3843, 66.5020

# Triad

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



130.3830, -23.8528, 90.8721



102.1110, -12.3797, -89.5513



112.6690, 68.6902, -98.8107

# Complementary

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



130.3830, -23.8528, 90.8721



185.6170, 23.8528, -90.8721

# 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.



119.0630, 57.6499, -104.4183



130.3830, -23.8528, 90.8721



111.1850, 12.2338, -97.5092

# Square

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



130.3830, -23.8528, 90.8721



121.6110, -50.5872, -14.5678



117.2100, 37.8575, -102.7932



138.5950, 48.0207, -2.2758



# Rectangle

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



130.3830, -23.8528, 90.8721



128.6570, -63.4279, 44.1508



117.2100, 37.8575, -102.7932



115.9630, 66.0802, -101.6996

# Sweetspot

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



130.3830, -23.8528, 90.8721



221.9390, -7.3649, 28.9945



144.4340, 42.6770, 78.5494



107.5570, -4.7116, 17.9285



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.



130.3830, -23.8528, 90.8721



119.6100, -31.3597, 118.7370



173.8210, -45.2678, 52.7770



109.2890, -1.6215, 6.7625



57.6410, -28.4170, 108.1858



17.3200, -8.5388, 32.1684



# Inverse Universe

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



185.6170, 23.8528, -90.8721



191.3900, 31.3597, -118.7370



142.1790, 45.2678, -52.7770



113.7110, 1.6215, -6.7625



123.3590, 28.4170, -108.1858



36.6800, 8.5388, -32.1684



# Previews

## White Background



This preview shows how the YUV color 130.3830, -23.8528, 90.8721 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 130.3830, -23.8528, 90.8721 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 130.3830, -23.8528, 90.8721 Background



This preview shows how black text looks on a background with the YUV color 130.3830, -23.8528, 90.8721.



This preview shows how white text looks on a background with the YUV color 130.3830, -23.8528, 90.8721.



# 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

130.3830, -23.8528, 90.8721

### Protanopia

136.0000, -16.7620, 9.6470

### Deuteranopia

135.5650, -30.3515, 28.4455



**Tritanopia**

130.8220, -19.6322, 90.4871

# Trichromacy



## Original Color

130.3830, -23.8528, 90.8721

## Protanomaly

134.2040, -19.3276, 39.2861

## Deuteranomaly

133.6910, -27.9487, 51.1370

## Tritanomaly

130.4800, -20.9426, 90.7870

# Monochromacy



## Original Color

130.3830, -23.8528, 90.8721

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.0320, -8.3968, 33.2979

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.3830, -23.8528, 90.8721 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(234, 87, 82)` looks like.

```
.text, #text, p{  
    color:rgb(234, 87, 82)  
}
```

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(234, 87, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 87, 82) }
```

## Border

The CSS property to change the border of an element to YUV 130.3830, -23.8528, 90.8721 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(234, 87, 82) }
```



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

```
.border{ border-color:rgb(234, 87, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 87, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 87, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 87, 82);  
box-shadow:4px 4px 4px 4px rgb(234, 87,  
82) }
```

# Background

The CSS property to change the background color of an element to YUV 130.3830, -23.8528, 90.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 87, 82) }
```

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

```
.background{ background-color: rgb(234, 87,  
82) }
```

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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