

# Converting Colors

YUV(130.3980, -19.9162,  
88.2280)

Have a look what the booklet for  
YUV(130.3980, -19.9162, 88.2280)  
contains.

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# Color

**YUV(130.3980, -19.9162,  
88.2280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7575A
RGB	231, 87, 90
RGB Percent	91%, 34%, 35%
CMY	0.0941, 0.6588, 0.6471
CMYK	0.00, 0.62, 0.61, 0.09
HSL	359°, 75%, 62%
HSV	359°, 62%, 91%
XYZ	38.2087, 24.5435, 12.3964
YIQ	130.3980, 84.8610, 31.4610

# Conversions

## Conversions Part 2

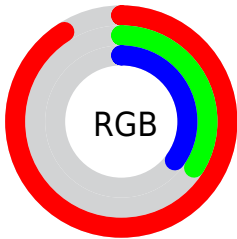
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">231, 87, 90</a>
Decimal	<a href="#">15161178</a>
CIELab	<a href="#">56.63, 55.96, 28.29</a>
CIELCh	<a href="#">57, 62.707, 26.814</a>
Yxy	<a href="#">24.5435, 0.5084, 0.3266</a>
Android (android.graphics.Color)	<a href="#">4293351258 (0xFFE7575A)</a>
YUV	<a href="#">130.3980, -19.9162, 88.2280</a>
Hunter-Lab	<a href="#">49.5414, 50.9702, 19.8432</a>

# Details

The YUV color **130.3980, -19.9162, 88.2280** 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 **187.6020, 19.9162, -88.2280**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1460, -17.8200, 69.1550**, and **70.2220, -12.9274, 86.6283** is the 20% darker color. If you saturate the color by 10%, you get **114.2750, -23.3066, 102.3678**, and if you desaturate by 10%, it is **146.5210, -16.5259, 74.0881**.

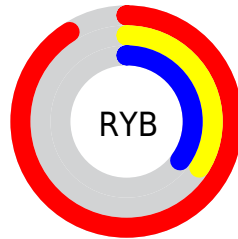
# Distribution



Red (91%)

Green (34%)

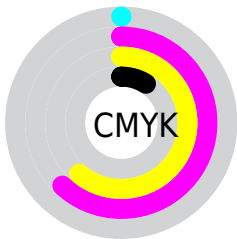
Blue (35%)



Red (91%)

Yellow (34%)

Blue (35%)

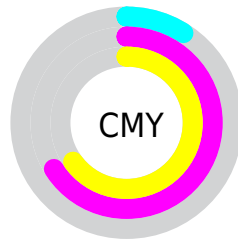


Cyan (0%)

Magenta (62%)

Yellow (61%)

Black (9%)



Cyan (9%)

Magenta (66%)


Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 130.3980, -19.9162, 88.2280 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 130.3980, -19.9162, 88.2280 by changing the saturation by 10% instead.





 130.3980,  
-19.9162, 88.2280


 130.3980,  
-19.9162, 88.2280


255.0000, 0.0000,  
0.0000


 101.4840,  
-17.0006, 86.3985


 176.1460,  
-17.8200, 69.1550

 70.2220, -12.9274,  
86.6283


 195.5460,  
-14.5662, 52.1412

 44.2970, -10.0064,  
83.0545


 215.1740,  
-10.4388, 34.9274

 32.5910, -16.0674,  
67.0107

 235.3890, -6.6008,  
17.1988

 23.6210, -11.6452,  
48.5674

 254.4300, -2.1840,  
0.4999

 15.4770, -6.6442,  
31.1537

 0.0000, 0.0000,

0.0000

■ 130.3980,  
-19.9162, 88.2280

■ 130.3980,  
-19.9162, 88.2280

■ 114.2750,  
-23.3066, 102.3678

■ 146.5210,  
-16.5259, 74.0881

■ 98.2660, -26.2601,  
116.4077

■ 162.5300,  
-13.5723, 60.0482

■ 82.1430, -29.6505,  
130.5476

■ 178.6530,  
-10.1819, 45.9083

■ 69.6390, -31.8670,  
141.5136

■ 194.6620, -7.2284,  
31.8684

■ 211.3720, -4.1274,  
17.2138

■ 227.4950, -0.7370,  
3.0739

■ 243.5040, 2.2165,  
-10.9660

■ 247.8240, 3.5378,  
-14.7546

# Harmonies

## Analogous

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



132.4340, 5.7020, 84.6884



130.3980, -19.9162, 88.2280



130.9630, -43.8588, 67.5614

# Triad

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



130.3980, -19.9162, 88.2280



106.0590, -16.7911, -74.5967



112.4580, 65.3432, -98.6257

# Complementary

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



130.3980, -19.9162, 88.2280



187.6020, 19.9162, -88.2280

# 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.



117.4500, 54.0082, -103.0036



130.3980, -19.9162, 88.2280



109.0990, 9.3182, -95.6798

# Square

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



130.3980, -19.9162, 88.2280



122.7690, -50.1721, -7.6904



115.4830, 33.7789, -101.2786



136.2410, 48.1952, -11.6124



# Rectangle

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



130.3980, -19.9162, 88.2280



128.8190, -59.0708, 46.6397



115.4830, 33.7789, -101.2786



115.0510, 62.5859, -100.8997

# Sweetspot

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



130.3980, -19.9162, 88.2280



221.4660, -6.6387, 29.4093



144.9770, 42.4093, 71.0572



107.0840, -3.9854, 18.3433



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.



130.3980, -19.9162, 88.2280



121.5650, -26.4075, 117.0225



169.3850, -40.6158, 54.0364



106.7020, -1.3321, 7.2773



53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536



# Inverse Universe

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



130.3980, -19.9162, 88.2280



121.5650, -26.4075, 117.0225



148.6150, 40.6158, -54.0364



106.7020, -1.3321, 7.2773



53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536



# Previews

## White Background



This preview shows how the YUV color 130.3980, -19.9162, 88.2280 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 130.3980, -19.9162, 88.2280 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 130.3980, -19.9162, 88.2280

## Background



This preview shows how black text looks on a background with the YUV color 130.3980, -19.9162, 88.2280.



This preview shows how white text looks on a background with the YUV color 130.3980, -19.9162, 88.2280.



# 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

130.3980, -19.9162, 88.2280

### Protanopia

135.5420, -12.0992, 7.4177

### Deuteranopia

135.1070, -25.6888, 26.2162



## Tritanopia

130.6260, -19.0426, 88.0280

# Trichromacy



## Original Color

130.3980, -19.9162, 88.2280

## Protanomaly

133.6320, -15.1016, 37.1567

## Deuteranomaly

133.2330, -23.2859, 48.9077

## Tritanomaly

130.5120, -19.4794, 88.1280

# Monochromacy



## Original Color

130.3980, -19.9162, 88.2280

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

129.9610, -7.3758, 32.4832

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.3980, -19.9162, 88.2280 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(231, 87, 90)` looks like.

```
.text, #text, p{  
    color:rgb(231, 87, 90)  
}
```

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(231, 87, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 87, 90) }
```

## Border

The CSS property to change the border of an element to YUV 130.3980, -19.9162, 88.2280 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(231, 87, 90) }
```



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

```
.border{ border-color:rgb(231, 87, 90) }
```

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

Here you see how a box with a 4 pixel rgb(231, 87, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 87, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 87, 90);  
box-shadow:4px 4px 4px 4px rgb(231, 87,  
90) }
```

# Background

The CSS property to change the background color of an element to YUV 130.3980, -19.9162, 88.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 87, 90) }
```

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

```
.background{ background-color: rgb(231, 87,  
90) }
```

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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