

# Converting Colors

YUV(133.2620, -20.3422,  
84.8392)

Have a look what the booklet for  
YUV(133.2620, -20.3422, 84.8392)  
contains.

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# Color

**YUV(133.2620, -20.3422,  
84.8392)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E65C5C                     |
| RGB           | 230, 92, 92                |
| RGB Percent   | 90%, 36%, 36%              |
| CMY           | 0.0980, 0.6392, 0.6392     |
| CMYK          | 0.00, 0.60, 0.60, 0.10     |
| HSL           | 0°, 73%, 63%               |
| HSV           | 0°, 60%, 90%               |
| XYZ           | 38.3920, 25.2500, 12.9755  |
| YIQ           | 133.2620, 82.2480, 29.2560 |

# Conversions

## Conversions Part 2

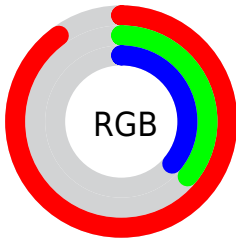
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 230, 92, 92                    |
| Decimal                             | 15096924                       |
| CIE <sub>Lab</sub>                  | 57.32, 53.58, 27.99            |
| CIE <sub>LCh</sub>                  | 57, 60.449, 27.584             |
| Yxy                                 | 25.2500, 0.5011,<br>0.3296     |
| Android<br>(android.graphics.Color) | 4293287004<br>(0xFFE65C5C)     |
| YUV                                 | 133.2620, -20.3422,<br>84.8392 |
| Hunter-Lab                          | 50.2494, 48.4430,<br>19.8646   |

# Details

The YUV color **133.2620, -20.3422, 84.8392** 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 **188.7380, 20.3422, -84.8392**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7220, -18.1039, 66.8958**, and **75.4340, -14.5110, 81.1804** is the 20% darker color. If you saturate the color by 10%, you get **117.1390, -23.7325, 98.9791**, and if you desaturate by 10%, it is **149.3850, -16.9518, 70.6994**.

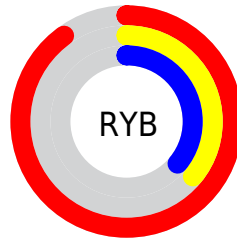
# Distribution



Red (90%)

Green (36%)

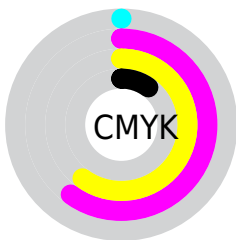
Blue (36%)



Red (90%)

Yellow (36%)

Blue (36%)

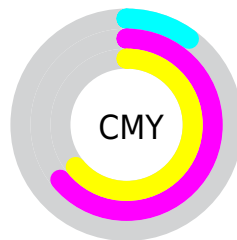


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (10%)



Cyan (10%)

Magenta (64%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 133.2620, -20.3422, 84.8392 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 133.2620, -20.3422, 84.8392 by changing the saturation by 10% instead.




 133.2620,  
-20.3422, 84.8392


 133.2620,  
-20.3422, 84.8392


255.0000, 0.0000,  
0.0000


 104.8210,  
-18.1528, 82.5950


 178.7220,  
-18.1039, 66.8958

 75.4340, -14.5110,  
81.1804


 198.2360,  
-14.4133, 49.7820

 44.1120, -9.4222,  
82.3398


 218.3370,  
-11.0121, 32.1535

 32.5910, -16.0674,  
67.0107

 238.5520, -7.1741,  
14.4249

 23.6210, -11.6452,  
48.5674

254.7720, -0.8736,  
0.2000

 15.4770, -6.6442,  
31.1537

 0.0000, 0.0000,

0.0000

■ 133.2620,  
-20.3422, 84.8392

■ 133.2620,  
-20.3422, 84.8392

■ 117.1390,  
-23.7325, 98.9791

■ 149.3850,  
-16.9518, 70.6994

■ 101.0160,  
-27.1229, 113.1190

■ 165.5080,  
-13.5614, 56.5595

■ 84.8930, -30.5132,  
127.2588

■ 181.6310,  
-10.1711, 42.4196

■ 68.7700, -33.9036,  
141.3987

■ 197.7540, -6.7807,  
28.2797

■ 213.8770, -3.3904,  
14.1399

■ 230.0000, 0.0000,  
0.0000

■ 246.1230, 3.3904,  
-14.1399

■ 247.5250, 3.6852,  
-15.3694

# Harmonies

## Analogous

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



135.3690, 4.2551, 82.1144



133.2620, -20.3422, 84.8392



133.5820, -42.6849, 64.3876

# Triad

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



133.2620, -20.3422, 84.8392



110.9070, -16.2232, -70.0784



112.8170, 64.1802, -98.9405

# Complementary

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



133.2620, -20.3422, 84.8392



188.7380, 20.3422, -84.8392

# 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.



117.9230, 53.2820, -103.4185



133.2620, -20.3422, 84.8392



110.1420, 10.7760, -96.5945

# Square

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



133.2620, -20.3422, 84.8392



125.7950, -46.2409, -8.5902



116.1840, 33.9263, -101.8934



138.3940, 46.1478, -8.2385



# Rectangle

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



133.2620, -20.3422, 84.8392



131.3610, -54.4080, 44.4104



116.1840, 33.9263, -101.8934



115.5240, 61.8597, -101.3145

# Sweetspot

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



133.2620, -20.3422, 84.8392



222.7540, -6.7807, 28.2797



148.9940, 39.9360, 71.0423



107.6710, -4.2748, 17.8285



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.



133.2620, -20.3422, 84.8392



126.0160, -27.1229, 113.1190



173.7650, -40.3101, 49.3181



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.



188.7380, 20.3422, -84.8392



199.9840, 27.1229, -113.1190



148.2350, 40.3101, -49.3181



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 133.2620, -20.3422, 84.8392 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 133.2620, -20.3422, 84.8392 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 133.2620, -20.3422, 84.8392

## Background



This preview shows how black text looks on a background with the YUV color 133.2620, -20.3422, 84.8392.



This preview shows how white text looks on a background with the YUV color 133.2620, -20.3422, 84.8392.



# 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

133.2620, -20.3422, 84.8392

### Protanopia

137.4280, -12.5360, 7.5176

### Deuteranopia

137.1070, -25.6888, 26.2162



## Tritanopia

133.2450, -17.8688, 84.8541

# Trichromacy



## Original Color

133.2620, -20.3422, 84.8392

## Protanomaly

135.9200, -15.2436, 36.0272

## Deuteranomaly

135.5210, -23.4279, 47.7781

## Tritanomaly

133.0170, -18.7424, 85.0541

# Monochromacy



## Original Color

133.2620, -20.3422, 84.8392

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

132.9500, -7.3703, 30.7389

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.2620, -20.3422, 84.8392 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(230, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(230, 92, 92)  
}
```

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(230, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 92, 92) }
```

## Border

The CSS property to change the border of an element to YUV 133.2620, -20.3422, 84.8392 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(230, 92, 92) }
```



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

```
.border{ border-color:rgb(230, 92, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 92, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(230, 92,  
92) }
```

# Background

The CSS property to change the background color of an element to YUV 133.2620, -20.3422, 84.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 92, 92) }
```

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

```
.background{ background-color: rgb(230, 92,  
92) }
```

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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