

# Converting Colors

YUV(121.4210, -21.4066,  
99.6088)

Have a look what the booklet for  
YUV(121.4210, -21.4066, 99.6088)  
contains.

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# Color

**YUV(121.4210, -21.4066,  
99.6088)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB484E
RGB	235, 72, 78
RGB Percent	92%, 28%, 31%
CMY	0.0784, 0.7176, 0.6941
CMYK	0.00, 0.69, 0.67, 0.08
HSL	358°, 80%, 60%
HSV	358°, 69%, 92%
XYZ	37.9535, 22.8470, 9.6173
YIQ	121.4210, 95.2220, 36.4220

# Conversions

## Conversions Part 2

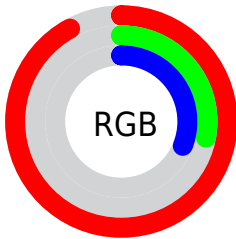
<b>Format</b>	<b>Color</b>
<b>RYB</b>	235, 72, 78
Decimal	15419470
CIELab	54.91, 62.53, 33.20
CIElCh	55, 70.793, 27.965
Yxy	22.8470, 0.5390, 0.3244
Android (android.graphics.Color)	4293609550 (0xFFEB484E)
YUV	121.4210, -21.4066, 99.6088
Hunter-Lab	47.7985, 58.0871, 21.5295

# Details

The YUV color **121.4210, -21.4066, 99.6088** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **185.5790, 21.4066, -99.6088**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0330, -19.7363, 77.1471**, and **55.3040, -10.5029, 102.3424** is the 20% darker color. If you saturate the color by 10%, you get **105.2980, -24.7969, 113.7487**, and if you desaturate by 10%, it is **138.1310, -18.3056, 84.9541**.

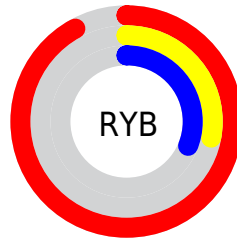
# Distribution



Red (92%)

Green (28%)

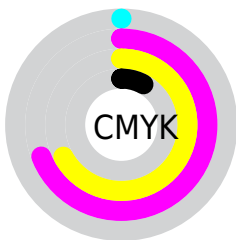
Blue (31%)



Red (92%)

Yellow (28%)

Blue (31%)

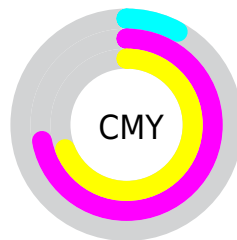


Cyan (0%)

Magenta (69%)

Yellow (67%)

Black (8%)



Cyan (8%)

Magenta (72%)


Yellow (69%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.4210, -21.4066, 99.6088 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 121.4210, -21.4066, 99.6088 by changing the saturation by 10% instead.





 121.4210,  
-21.4066, 99.6088


 121.4210,  
-21.4066, 99.6088


255.0000, 0.0000,  
0.0000

 89.8600, -17.1860,  
99.2238


 167.0330,  
-19.7363, 77.1471

 55.3040, -10.5029,  
102.3424


 186.4330,  
-16.4825, 60.1333


 43.6410, -15.1060,  
85.3838


 206.5340,  
-13.0813, 42.5047

 32.8900, -16.2148,  
67.6255

 226.7490, -9.2433,  
24.7761

 24.0340, -11.3558,  
49.0822

 247.5510, -5.6946,  
6.5328

 15.1780, -6.4968,  
30.5389

 0.0000, 0.0000,

0.0000

■ 121.4210,  
-21.4066, 99.6088

■ 121.4210,  
-21.4066, 99.6088

■ 105.2980,  
-24.7969, 113.7487

■ 138.1310,  
-18.3056, 84.9541

■ 88.7020, -27.4611,  
128.3033

■ 154.1400,  
-15.3520, 70.9142

■ 72.5790, -30.8514,  
142.4432

■ 170.8500,  
-12.2510, 56.2596

■ 71.2910, -30.7095,  
143.5728

■ 186.9730, -8.8607,  
42.1197

■ 202.9820, -5.9071,  
28.0798

■ 219.6920, -2.8062,  
13.4251

■ 235.7010, 0.1474,  
-0.6148

■ 249.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



121.8040, 7.9846, 99.2729



121.4210, -21.4066, 99.6088



123.8900, -53.1898, 73.7645

# Triad

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



121.4210, -21.4066, 99.6088



97.3520, -17.9215, -85.3777



111.2500, 70.8688, -97.5662

# Complementary

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



121.4210, -21.4066, 99.6088



185.5790, 21.4066, -99.6088

# 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.



116.6010, 58.3707, -102.2591



121.4210, -21.4066, 99.6088



106.9960, 8.8760, -93.8355

# Square

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



121.4210, -21.4066, 99.6088



115.0260, -56.7078, -11.4238



114.1780, 36.3942, -100.1341



131.1360, 54.1630, -12.3973



# Rectangle

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



121.4210, -21.4066, 99.6088



123.9610, -61.1128, 48.2692



114.1780, 36.3942, -100.1341



114.4300, 67.8220, -100.3551

# Sweetspot

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



121.4210, -21.4066, 99.6088



217.3740, -7.0864, 32.9980



136.9270, 48.3500, 78.9940



105.6820, -4.2802, 19.5729



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.



121.4210, -21.4066, 99.6088



107.3000, -27.7559, 129.5329



163.5880, -45.1529, 62.6283



109.2890, -1.6215, 6.7625



54.9170, -23.6231, 110.5748



16.3740, -7.0864, 32.9980



# Inverse Universe

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



121.4210, -21.4066, 99.6088



107.3000, -27.7559, 129.5329



143.4120, 45.1529, -62.6283



109.2890, -1.6215, 6.7625



54.9170, -23.6231, 110.5748



16.3740, -7.0864, 32.9980



# Previews

## White Background



This preview shows how the YUV color 121.4210, -21.4066, 99.6088 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 121.4210, -21.4066, 99.6088 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 121.4210, -21.4066, 99.6088

## Background



This preview shows how black text looks on a background with the YUV color 121.4210, -21.4066, 99.6088.



This preview shows how white text looks on a background with the YUV color 121.4210, -21.4066, 99.6088.



# 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

121.4210, -21.4066, 99.6088

### Protanopia

131.1570, -14.8674, 8.6323

### Deuteranopia

130.2660, -30.2041, 27.8307



## Tritanopia

121.1930, -22.2801, 99.8087

# Trichromacy



## Original Color

121.4210, -21.4066, 99.6088

## Protanomaly

127.4970, -17.0070, 41.6601

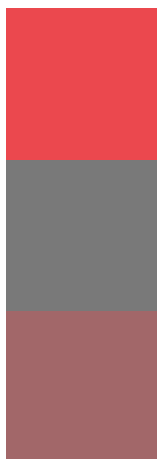
## Deuteranomaly

126.9410, -27.0859, 54.4257

## Tritanomaly

121.3070, -21.8434, 99.7088

# Monochromacy



## Original Color

121.4210, -21.4066, 99.6088

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.8690, -7.8234, 36.0719

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.4210, -21.4066, 99.6088 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(235, 72, 78)` looks like.

```
.text, #text, p{  
    color:rgb(235, 72, 78)  
}
```

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(235, 72, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 72, 78) }
```

## Border

The CSS property to change the border of an element to YUV 121.4210, -21.4066, 99.6088 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(235, 72, 78) }
```



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

```
.border{ border-color:rgb(235, 72, 78) }
```

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

Here you see how a box with a 4 pixel rgb(235, 72, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 72, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 72, 78);  
box-shadow:4px 4px 4px 4px rgb(235, 72,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 121.4210, -21.4066, 99.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 72, 78) }
```

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

```
.background{ background-color: rgb(235, 72,  
78) }
```

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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