

# Converting Colors

YUV(152.7890, -23.0670,  
72.0990)

Have a look what the booklet for  
YUV(152.7890, -23.0670, 72.0990)  
contains.

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# Color

**YUV(152.7890, -23.0670,  
72.0990)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB786A
RGB	235, 120, 106
RGB Percent	92%, 47%, 42%
CMY	0.0784, 0.5294, 0.5843
CMYK	0.00, 0.49, 0.55, 0.08
HSL	7°, 76%, 67%
HSV	7°, 55%, 92%
XYZ	43.5789, 32.1357, 17.5416
YIQ	152.7890, 73.0340, 20.0260

# Conversions

## Conversions Part 2

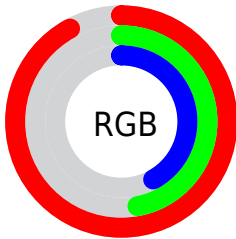
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 122, 106
Decimal	15431786
CIE <sub>Lab</sub>	63.45, 43.07, 28.17
CIE <sub>LCh</sub>	63, 51.465, 33.180
Yxy	32.1357, 0.4673, 0.3446
Android (android.graphics.Color)	4293621866 (0xFFEB786A)
YUV	152.7890, -23.0670, 72.0990
Hunter-Lab	56.6884, 38.0164, 21.3352

# Details

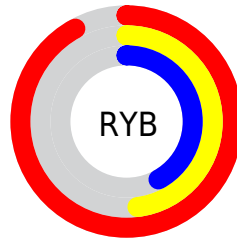
The YUV color **152.7890, -23.0670, 72.0990** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **188.2110, 23.0670, -72.0990**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2810, -19.3655, 51.4966**, and **98.8530, -20.1405, 66.7809** is the 20% darker color. If you saturate the color by 10%, you get **137.7260, -27.4729, 85.3093**, and if you desaturate by 10%, it is **167.8520, -18.6610, 58.8888**.

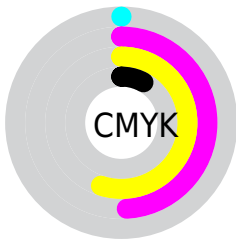
# Distribution



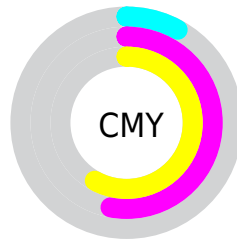
- Red (92%)
- Green (47%)
- Blue (42%)



- Red (92%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (55%)
- Black (8%)




- Cyan (8%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.7890, -23.0670, 72.0990 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 152.7890, -23.0670, 72.0990 by changing the saturation by 10% instead.





 152.7890,  
-23.0670, 72.0990


 152.7890,  
-23.0670, 72.0990


255.0000, 0.0000,  
0.0000


 125.8210,  
-21.6038, 69.4400


 196.2810,  
-19.3655, 51.4966

 98.8530, -20.1405,  
66.7809


 215.7950,  
-15.6749, 34.3828


 71.6400, -17.0775,  
64.3367

 236.0100,  
-11.8369, 16.6542

 41.7910, -12.7150,  
65.0813

 253.4040, -6.1152,  
1.3997

 26.0130, -12.8244,  
53.4856

 17.9400, -8.8444,  
36.8866

 8.4860, -3.6906,

17.1138

■ 0.0000, 0.0000,  
0.0000

■ 152.7890,  
-23.0670, 72.0990

■ 152.7890,  
-23.0670, 72.0990

■ 137.7260,  
-27.4729, 85.3093

■ 167.8520,  
-18.6610, 58.8888

■ 122.7770,  
-31.4421, 98.4196

■ 182.8010,  
-14.6919, 45.7785

■ 107.7140,  
-35.8480, 111.6298

■ 197.8640,  
-10.2860, 32.5683

■ 92.7650, -39.8171,  
124.7401

■ 212.8130, -6.3168,  
19.4580

■ 85.5270, -42.1648,  
131.0878

■ 227.7620, -2.3477,  
6.3477

■ 242.8250, 2.0583,  
-6.8625

■ 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.



154.4080, -1.6801, 72.4332



152.7890, -23.0670, 72.0990



151.3140, -39.5948, 53.2216

# Triad

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



152.7890, -23.0670, 72.0990



132.6290, -11.1561, -61.9416



141.9160, 50.8204, -60.4393

# Complementary

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



152.7890, -23.0670, 72.0990



188.2110, 23.0670, -72.0990

# 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.



125.9930, 53.7405, -110.4959



152.7890, -23.0670, 72.0990



121.2100, 17.6445, -106.3012

# Square

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



152.7890, -23.0670, 72.0990



143.4490, -34.7314, -13.5488



125.7530, 37.5898, -110.2854



157.2510, 36.3583, 5.0419



# Rectangle

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



152.7890, -23.0670, 72.0990



150.1130, -44.9187, 34.1039



125.7530, 37.5898, -110.2854



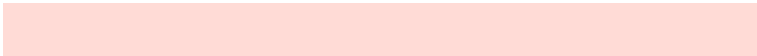
122.9100, 59.6974, -107.7921

# Sweetspot

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



152.7890, -23.0670, 72.0990



229.1940, -7.4906, 22.6319



157.7950, 31.6531, 67.7088



112.2360, -4.5533, 13.8250



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.



152.7890, -23.0670, 72.0990



147.7980, -29.9734, 94.0162



189.7700, -41.2986, 39.6667



109.8760, -1.9109, 6.2477



65.8590, -32.4685, 100.9787



19.6680, -9.6963, 30.1092

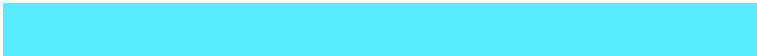


# Inverse Universe

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



188.2110, 23.0670, -72.0990



194.2020, 29.9734, -94.0162



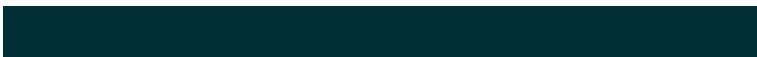
151.2300, 41.2986, -39.6667



113.1240, 1.9109, -6.2477



115.1410, 32.4685, -100.9787



34.3320, 9.6963, -30.1092



# Previews

## White Background



This preview shows how the YUV color 152.7890, -23.0670, 72.0990 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

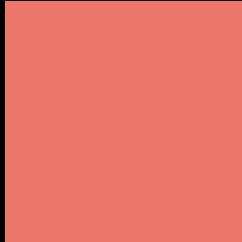
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.7890, -23.0670, 72.0990 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 152.7890, -23.0670, 72.0990

## Background



This preview shows how black text looks on a background with the YUV color 152.7890, -23.0670, 72.0990.



This preview shows how white text looks on a background with the YUV color 152.7890, -23.0670,



# 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

152.7890, -23.0670, 72.0990

### Protanopia

153.2280, -15.8884, 9.4470

### Deuteranopia

153.1180, -25.6942, 27.9605



## Tritanopia

153.4930, -14.0470, 72.3586

# Trichromacy



## Original Color

152.7890, -23.0670, 72.0990

## Protanomaly

153.3880, -18.4323, 32.1087

## Deuteranomaly

152.8580, -24.5800, 43.9745

## Tritanomaly

153.2820, -17.3940, 72.5437

# Monochromacy



## Original Color

152.7890, -23.0670, 72.0990

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

152.9880, -8.3751, 26.3205

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.7890, -23.0670, 72.0990 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, 120, 106)` looks like.

```
.text, #text, p{  
    color:rgb(235, 120, 106)  
}
```

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, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 120, 106) }
```

## Border

The CSS property to change the border of an element to YUV 152.7890, -23.0670, 72.0990 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, 120, 106) }
```



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

```
.border{ border-color:rgb(235, 120, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 120, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(235, 120,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 152.7890, -23.0670, 72.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 120, 106) }
```

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

```
.background{ background-color: rgb(235,  
120, 106) }
```

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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