

Converting Colors

YUV(123.7170, -30.4265,
99.3492)

Have a look what the booklet for
YUV(123.7170, -30.4265, 99.3492)
contains.

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Color

**YUV(123.7170, -30.4265,
99.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4E3E
RGB	237, 78, 62
RGB Percent	93%, 31%, 24%
CMY	0.0706, 0.6941, 0.7569
CMYK	0.00, 0.67, 0.74, 0.07
HSL	5°, 83%, 59%
HSV	5°, 74%, 93%
XYZ	38.5189, 23.8011, 7.1213
YIQ	123.7170, 99.9000, 28.7320

Conversions

Conversions Part 2

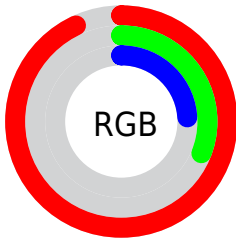
Format	Color
R_{YB}	237, 80, 62
Decimal	15552062
CIE _{Lab}	55.89, 60.15, 43.36
CIE _{LCh}	56, 74.151, 35.790
Yxy	23.8011, 0.5547, 0.3428
Android (android.graphics.Color)	4293742142 (0xFFED4E3E)
YUV	123.7170, -30.4265, 99.3492
Hunter-Lab	48.7864, 55.5573, 25.4959

Details

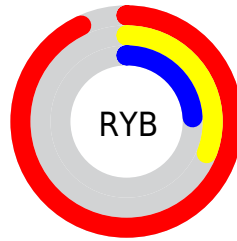
The YUV color **123.7170, -30.4265, 99.3492** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **175.2830, 30.4265, -99.3492**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1440, -28.1720, 76.1727**, and **53.6650, -18.0758, 104.6568** is the 20% darker color. If you saturate the color by 10%, you get **108.0670, -34.5430, 113.0742**, and if you desaturate by 10%, it is **139.3670, -26.3099, 85.6241**.

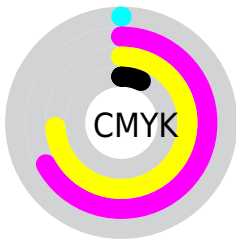
Distribution



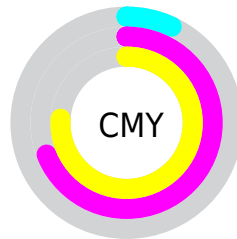
- Red (93%)
- Green (31%)
- Blue (24%)



- Red (93%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (67%)
- Yellow (74%)
- Black (7%)



- Cyan (7%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.7170, -30.4265, 99.3492 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 123.7170, -30.4265, 99.3492 by changing the saturation by 10% instead.


 123.7170,
-30.4265, 99.3492


 123.7170,
-30.4265, 99.3492


255.0000, 0.0000,
0.0000


 93.3300, -26.7847,
97.9346


 168.1440,
-28.1720, 76.1727


 53.6650, -18.0758,
104.6568


 187.4300,
-25.3550, 59.2589

 42.4580, -20.9318,
87.2983


 207.5310,
-21.9538, 41.6303

 33.1890, -16.3622,
68.2402

 227.6320,
-18.5526, 24.0017

 24.0340, -11.3558,
49.0822

 248.4340,
-15.0040, 5.7584

 15.7760, -6.7916,
31.7684

 254.0880, -3.4944,

 0.0000, 0.0000,

0.7998

0.0000

■ 123.7170,
-30.4265, 99.3492

■ 123.7170,
-30.4265, 99.3492

■ 108.0670,
-34.5430, 113.0742

■ 139.3670,
-26.3099, 85.6241

■ 93.1180, -38.5122,
126.1845

■ 154.3160,
-22.3408, 72.5139

■ 83.7770, -41.3021,
134.3766

■ 169.9660,
-18.2242, 58.7888

■ 185.0290,
-13.8183, 45.5786

■ 200.5650,
-10.1385, 31.9535

■ 215.6280, -5.7326,
18.7432

■ 231.2780, -1.6161,
5.0182

■ 246.3410, 2.7899,
-8.1921

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



120.5620, 1.6949, 110.0091



123.7170, -30.4265, 99.3492



124.9680, -61.6092, 67.5571

Triad

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



123.7170, -30.4265, 99.3492



102.2250, -11.9429, -89.6513



110.0760, 71.4475, -96.5367

Complementary

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



123.7170, -30.4265, 99.3492



175.2830, 30.4265, -99.3492

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.



119.1260, 65.5069, -104.4735



123.7170, -30.4265, 99.3492



111.6240, 16.4544, -97.8942

Square

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



123.7170, -30.4265, 99.3492



112.8560, -55.6380, -27.9377



118.2190, 44.2620, -103.6781



136.1820, 51.1823, 10.3644

Rectangle

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



123.7170, -30.4265, 99.3492



125.6670, -61.9538, 38.0030



118.2190, 44.2620, -103.6781



114.1850, 69.4218, -100.1402

Sweetspot

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



123.7170, -30.4265, 99.3492



218.6790, -9.7017, 31.8535



132.5650, 44.0915, 91.5895



105.9270, -5.8800, 19.3580



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.



123.7170, -30.4265, 99.3492



108.2000, -39.5386, 128.7436



174.1990, -55.3141, 55.0765



109.8760, -1.9109, 6.2477



64.0980, -31.6003, 102.5231



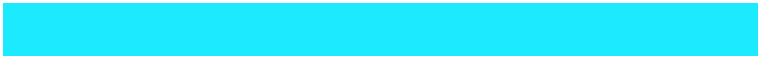
19.0810, -9.4069, 30.6240

Inverse Universe

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



175.2830, 30.4265, -99.3492



174.8000, 39.5386, -128.7436



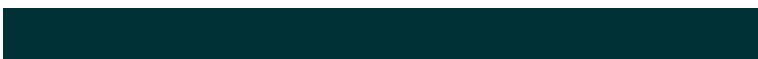
124.8010, 55.3141, -55.0765



113.1240, 1.9109, -6.2477



116.9020, 31.6003, -102.5231



34.9190, 9.4069, -30.6240

Previews

White Background



This preview shows how the YUV color 123.7170, -30.4265, 99.3492 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 123.7170, -30.4265, 99.3492 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 123.7170, -30.4265, 99.3492

Background



This preview shows how black text looks on a background with the YUV color 123.7170, -30.4265, 99.3492.



This preview shows how white text looks on a background with the YUV color 123.7170, -30.4265, 99.3492.

99.3492.

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

123.7170, -30.4265, 99.3492

Protanopia

131.7310, -25.5034, 13.3909

Deuteranopia

130.9970, -38.9455, 31.5746



Tritanopia

124.8940, -22.1327, 99.1940

Trichromacy



Original Color

123.7170, -30.4265, 99.3492

Protanomaly

129.0600, -27.6376, 44.6744

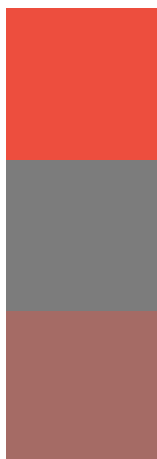
Deuteranomaly

128.3620, -35.6745, 55.8105

Tritanomaly

124.6830, -25.4797, 99.3790

Monochromacy



Original Color

123.7170, -30.4265, 99.3492

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6580, -11.1704, 36.2569

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7170, -30.4265, 99.3492 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(237, 78, 62)` looks like.

```
.text, #text, p{  
    color:rgb(237, 78, 62)  
}
```

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(237, 78, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 78, 62) }
```

Border

The CSS property to change the border of an element to YUV 123.7170, -30.4265, 99.3492 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(237, 78, 62) }
```


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

```
.border{ border-color:rgb(237, 78, 62) }
```

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

Here you see how a box with a 4 pixel rgb(237, 78, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 78, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 78, 62);  
box-shadow:4px 4px 4px 4px rgb(237, 78,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 123.7170, -30.4265, 99.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 78, 62) }
```

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

```
.background{ background-color: rgb(237, 78,  
62) }
```

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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