

Converting Colors

YUV(99.8670, -37.8954,
115.0036)

Have a look what the booklet for
YUV(99.8670, -37.8954, 115.0036)
contains.

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Color

**YUV(99.8670, -37.8954,
115.0036)**

Conversions

Conversions Part 1

Format	Color
Hex	E73017
RGB	231, 48, 23
RGB Percent	91%, 19%, 9%
CMY	0.0941, 0.8118, 0.9098
CMYK	0.00, 0.79, 0.90, 0.09
HSL	7°, 82%, 50%
HSV	7°, 90%, 91%
XYZ	34.1666, 19.1647, 2.7090
YIQ	99.8670, 117.0930, 31.0210

Conversions

Conversions Part 2

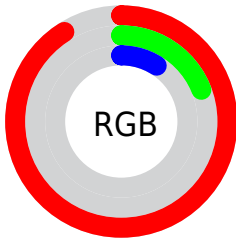
Format	Color
R_{YB}	231, 51, 23
Decimal	15151127
CIE Lab	50.88, 67.24, 56.92
CIE LCh	51, 88.100, 40.249
Yxy	19.1647, 0.6097, 0.3420
Android (android.graphics.Color)	4293341207 (0xFFE73017)
YUV	99.8670, -37.8954, 115.0036
Hunter-Lab	43.7775, 62.7016, 26.9753

Details

The YUV color **99.8670, -37.8954, 115.0036** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **154.1330, 37.8954, -115.0036**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7240, -37.8249, 92.3271**, and **49.6340, -24.4696, 102.0530** is the 20% darker color. If you saturate the color by 10%, you get **85.5050, -42.1540, 127.5991**, and if you desaturate by 10%, it is **114.2290, -33.6369, 102.4082**.

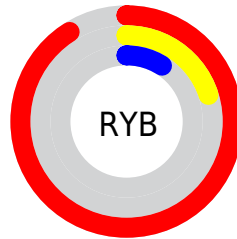
Distribution



Red (91%)

Green (19%)

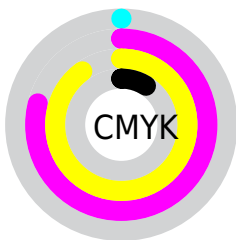
Blue (9%)



Red (91%)

Yellow (20%)

Blue (9%)

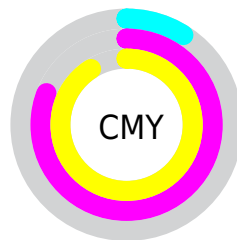


Cyan (0%)

Magenta (79%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (81%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8670, -37.8954, 115.0036 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 99.8670, -37.8954, 115.0036 by changing the saturation by 10% instead.

■ 99.8670, -37.8954,
115.0036

■ 99.8670, -37.8954,
115.0036

255.0000, 0.0000,
0.0000

■ 59.2020, -29.1866,
121.7258

■ 149.7240,
-37.8249, 92.3271

■ 49.6340, -24.4696,
102.0530

■ 169.5970,
-35.2973, 74.8984

■ 39.7670, -19.6051,
81.7653

■ 189.5840,
-32.3329, 57.3698

■ 30.4980, -15.0355,
62.7073

■ 209.5710,
-29.3685, 39.8412

■ 22.1690, -9.4503,
44.5788

■ 230.2590,
-26.2567, 21.6979

■ 12.3730, -5.6069,
25.1059

■ 249.3000,

■ 0.0000, 0.0000,

-21.8399, 4.9989

0.0000

252.6060, -9.1728,
2.0995

99.8670, -37.8954,
115.0036

99.8670, -37.8954,
115.0036

85.5050, -42.1540,
127.5991

114.2290,
-33.6369, 102.4082

129.1780,
-29.6678, 89.2979

143.5400,
-25.4092, 76.7024

157.9020,
-21.1507, 64.1069

172.9650,
-16.7447, 50.8967

■ 187.3270,
-12.4862, 38.3012

■ 201.6890, -8.2277,
25.7057

■ 216.6380, -4.2585,
12.5955

■ 231.0000, 0.0000,
0.0000

Harmonies

Analogous

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



85.4380, 6.6861, 142.5669



99.8670, -37.8954, 115.0036



113.4390, -55.9254, 64.5130

Triad

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



99.8670, -37.8954, 115.0036



94.9870, -14.2906, -83.3036



101.2710, 75.7884, -88.8147

Complementary

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



99.8670, -37.8954, 115.0036



154.1330, 37.8954, -115.0036

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.



113.0110, 70.0006, -99.1106



99.8670, -37.8954, 115.0036



105.8680, 19.7851, -92.8462

Square

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



99.8670, -37.8954, 115.0036



86.3440, -42.5676, -66.9537



113.4890, 51.5239, -99.5299



121.8770, 57.2486, 24.6639

Rectangle

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



99.8670, -37.8954, 115.0036



113.8060, -56.1064, 29.1111



113.4890, 51.5239, -99.5299



106.5540, 73.1839, -93.4479

Sweetspot

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



99.8670, -37.8954, 115.0036



211.3270, -12.4862, 38.3012



106.1680, 49.7102, 109.4777



102.1940, -7.4906, 22.6319



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.



99.8670, -37.8954, 115.0036



94.4420, -46.5599, 140.8094



160.3280, -67.7027, 61.9793



107.7620, -2.3477, 6.3477



65.8480, -32.4631, 99.2343



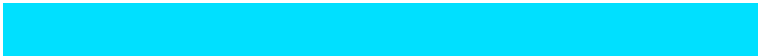
18.7710, -9.2541, 28.2648

Inverse Universe

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



154.1330, 37.8954, -115.0036



160.5580, 46.5599, -140.8094



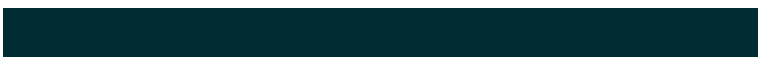
93.6720, 67.7027, -61.9793



110.2380, 2.3477, -6.3477



112.5650, 32.7525, -98.7195



32.2290, 9.2541, -28.2648

Previews

White Background



This preview shows how the YUV color 99.8670, -37.8954, 115.0036 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 99.8670, -37.8954, 115.0036 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 99.8670, -37.8954, 115.0036

Background



This preview shows how black text looks on a background with the YUV color 99.8670, -37.8954, 115.0036.



This preview shows how white text looks on a background with the YUV color 99.8670, -37.8954,

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

99.8670, -37.8954, 115.0036

Protanopia

116.8380, -37.8811, 16.8051

Deuteranopia

114.1380, -56.2700, 34.9590



Tritanopia

101.2010, -27.7071, 113.8337

Trichromacy



Original Color

99.8670, -37.8954, 115.0036

Protanomaly

110.7700, -37.8476, 52.8217

Deuteranomaly

108.7470, -49.6683, 64.2429

Tritanomaly

100.8760, -31.4909, 114.1187

Monochromacy



Original Color

99.8670, -37.8954, 115.0036

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0070, -13.8075, 42.0899

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8670, -37.8954, 115.0036 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, 48, 23)` looks like.

```
.text, #text, p{  
    color:rgb(231, 48, 23)  
}
```

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, 48, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 48, 23) }
```

Border

The CSS property to change the border of an element to YUV 99.8670, -37.8954, 115.0036 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, 48, 23) }
```


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

```
.border{ border-color:rgb(231, 48, 23) }
```

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

Here you see how a box with a 4 pixel rgb(231, 48, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 48, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 48, 23);  
box-shadow:4px 4px 4px 4px rgb(231, 48,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 99.8670, -37.8954, 115.0036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 48, 23) }
```

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

```
.background{ background-color: rgb(231, 48,  
23) }
```

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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