

Converting Colors

YUV(69.8670, -30.9934,
141.3136)

Have a look what the booklet for
YUV(69.8670, -30.9934, 141.3136)
contains.

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Color

**YUV(69.8670, -30.9934,
141.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	E70007
RGB	231, 0, 7
RGB Percent	91%, 0%, 3%
CMY	0.0941, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.97, 0.09
HSL	358°, 100%, 45%
HSV	358°, 100%, 91%
XYZ	32.9933, 17.0043, 1.7442
YIQ	69.8670, 135.4290, 51.1490

Conversions

Conversions Part 2

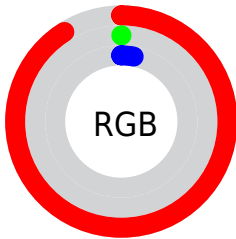
Format	Color
R_{YB}	231, 0, 7
Decimal	15138823
CIE Lab	48.27, 74.39, 60.39
CIE LCh	48, 95.815, 39.067
Yxy	17.0043, 0.6377, 0.3286
Android (android.graphics.Color)	4293328903 (0xFFE70007)
YUV	69.8670, -30.9934, 141.3136
Hunter-Lab	41.2362, 70.6555, 26.3575

Details

The YUV color **69.8670, -30.9934, 141.3136** 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 **161.1330, 30.9934, -141.3136**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5020, -37.7155, 103.9227**, and **49.3350, -24.3222, 101.4382** is the 20% darker color. If you saturate the color by 10%, you get **69.8670, -30.9934, 141.3136**, and if you desaturate by 10%, it is **85.8760, -28.0399, 127.2737**.

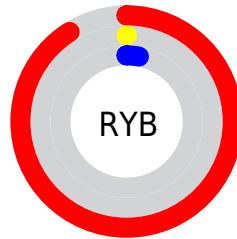
Distribution



Red (91%)

Green (0%)

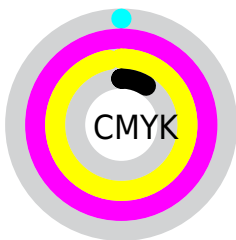
Blue (3%)



Red (91%)

Yellow (0%)

Blue (3%)

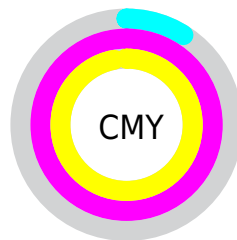


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (9%)



Cyan (9%)


Magenta (100%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 69.8670, -30.9934, 141.3136 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 69.8670, -30.9934, 141.3136 by changing the saturation by 10% instead.


 69.8670, -30.9934,
141.3136

 69.8670, -30.9934,
141.3136


 254.2020, -3.0576,
0.6998


 59.2020, -29.1866,
121.7258


 136.5020,
-37.7155, 103.9227

 49.3350, -24.3222,
101.4382


 157.5490,
-35.7667, 85.4645


 39.4680, -19.4577,
81.1506


 178.1230,
-33.0916, 67.4211

 30.1280, -13.8671,
61.2777

 198.6970,
-30.4166, 49.3777

 21.3860, -8.5713,
42.6345

 218.7980,
-27.0154, 31.7492

 11.1770, -5.0173,
22.6468


 240.0730,


 0.0000, 0.0000,


-24.1930, 13.0910


0.0000


 250.8960,
-15.7247, 3.5992

 69.8670, -30.9934,
141.3136

 85.8760, -28.0399,
127.2737

 101.9990,
-24.6495, 113.1339

 118.0080,
-21.6959, 99.0940

 134.1310,
-18.3056, 84.9541

 150.7270,
-15.6414, 70.3994

■ 166.7360,
-12.6878, 56.3595

■ 182.8590, -9.2975,
42.2197

■ 198.8680, -6.3439,
28.1798

■ 214.9910, -2.9536,
14.0399

Harmonies

Analogous

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



85.1670, 4.3547, 143.6815



69.8670, -30.9934, 141.3136



106.6720, -52.5893, 67.8167

Triad

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



69.8670, -30.9934, 141.3136



89.7550, -19.1062, -78.7151



98.9230, 76.9460, -86.7555

Complementary

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



69.8670, -30.9934, 141.3136



161.1330, 30.9934, -141.3136

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.



110.6630, 71.1581, -97.0515



69.8670, -30.9934, 141.3136



101.4340, 18.0270, -88.9576

Square

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



69.8670, -30.9934, 141.3136



79.8320, -39.3572, -70.0127



110.4400, 52.5341, -96.8559



113.5760, 63.8060, 21.4198

Rectangle

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



69.8670, -30.9934, 141.3136



107.6150, -53.0542, 30.1556



110.4400, 52.5341, -96.8559



104.2060, 74.3414, -91.3887

Sweetspot

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



69.8670, -30.9934, 141.3136



201.9520, -10.3293, 46.5231



93.0110, 68.0286, 114.0004



95.8680, -6.3439, 28.1798



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.



69.8670, -30.9934, 141.3136



77.1570, -34.0944, 155.9683



132.4650, -65.3052, 86.4152



106.7020, -1.3321, 7.2773



54.0910, -24.2019, 109.5452



15.4770, -6.6442, 31.1537

Inverse Universe

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



69.8670, -30.9934, 141.3136



77.1570, -34.0944, 155.9683



98.5350, 65.3052, -86.4152



106.7020, -1.3321, 7.2773



54.0910, -24.2019, 109.5452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 69.8670, -30.9934, 141.3136 looks on a white 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

Black 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

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

YUV 69.8670, -30.9934, 141.3136

Background



This preview shows how black text looks on a background with the YUV color 69.8670, -30.9934, 141.3136.



This preview shows how white text looks on a background with the YUV color 69.8670, -30.9934,

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

69.8670, -30.9934, 141.3136

Protanopia

111.3820, -39.6283, 17.2050

Deuteranopia

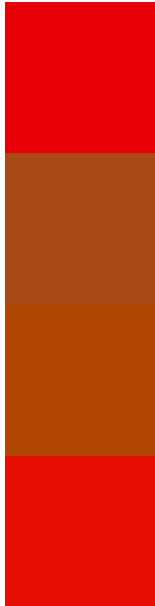
109.1100, -53.7912, 33.2295



Tritanopia

80.7980, -39.8334, 129.9732

Trichromacy



Original Color

69.8670, -30.9934, 141.3136

Protanomaly

95.8790, -36.4223, 62.3731

Deuteranomaly

95.2410, -45.4748, 72.5796

Tritanomaly

76.7430, -36.3553, 134.4064

Monochromacy



Original Color

69.8670, -30.9934, 141.3136

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.3440, -11.5086, 51.4413

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8670, -30.9934, 141.3136 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, 0, 7)` looks like.

```
.text, #text, p{  
    color:rgb(231, 0, 7)  
}
```

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, 0, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 0, 7) }
```

Border

The CSS property to change the border of an element to YUV 69.8670, -30.9934, 141.3136 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, 0, 7) }
```


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

```
.border{ border-color:rgb(231, 0, 7) }
```

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

Here you see how a box with a 4 pixel rgb(231, 0, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 0, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(231, 0, 7); box-shadow:4px  
4px 4px 4px rgb(231, 0, 7) }
```

Background

The CSS property to change the background color of an element to YUV 69.8670, -30.9934, 141.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 0, 7) }
```

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

```
.background{ background-color: rgb(231, 0,  
7) }
```

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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