

Converting Colors

YUV(74.8550, -9.2955,
135.1852)

Have a look what the booklet for
YUV(74.8550, -9.2955, 135.1852)
contains.

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Color

**YUV(74.8550, -9.2955,
135.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	E50038
RGB	229, 0, 56
RGB Percent	90%, 0%, 22%
CMY	0.1020, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.76, 0.10
HSL	345°, 100%, 45%
HSV	345°, 100%, 90%
XYZ	33.0269, 16.9435, 5.2711
YIQ	74.8550, 118.5080, 65.9640

Conversions

Conversions Part 2

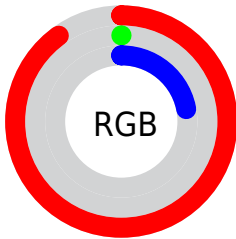
Format	Color
R_{YB}	229, 0, 56
Decimal	15007800
CIE Lab	48.19, 74.84, 37.78
CIE LCh	48, 83.836, 26.784
Yxy	16.9435, 0.5979, 0.3067
Android (android.graphics.Color)	4293197880 (0xFFE50038)
YUV	74.8550, -9.2955, 135.1852
Hunter-Lab	41.1625, 71.1857, 21.2213

Details

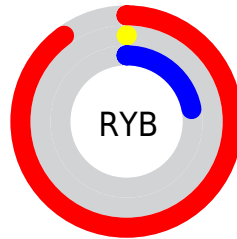
The YUV color **74.8550, -9.2955, 135.1852** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **154.1450, 9.2955, -135.1852**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9910, -19.2226, 99.1089**, and **50.7460, -17.6228, 99.3238** is the 20% darker color. If you saturate the color by 10%, you get **74.8550, -9.2955, 135.1852**, and if you desaturate by 10%, it is **90.2940, -8.5259, 121.6452**.

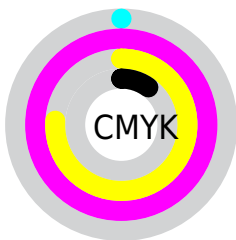
Distribution



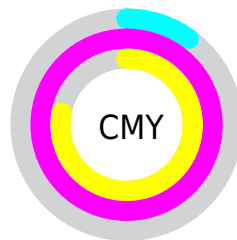
- Red (90%)
- Green (0%)
- Blue (22%)



- Red (90%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8550, -9.2955, 135.1852 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 74.8550, -9.2955, 135.1852 by changing the saturation by 10% instead.

■ 74.8550, -9.2955,
135.1852

■ 74.8550, -9.2955,
135.1852

■ 255.0000, 0.0000,
0.0000

■ 62.5940, -13.6038,
116.9971

■ 141.9910,
-19.2226, 99.1089

■ 50.7460, -17.6228,
99.3238

■ 162.4510,
-16.9843, 81.1655

■ 39.4680, -19.4577,
81.1506

■ 183.0250,
-14.3093, 63.1221

■ 30.1280, -13.8671,
61.2777

■ 203.7130,
-11.1975, 44.9787

■ 21.3860, -8.5713,
42.6345

■ 224.5150, -7.6489,
26.7353

■ 11.1770, -5.0173,
22.6468

■ 245.3170, -4.1003,

■ 0.0000, 0.0000,

8.4920

0.0000

■ 74.8550, -9.2955,
135.1852

■ 90.2940, -8.5259,
121.6452

■ 105.8470, -7.3196,
108.0052

■ 121.2860, -6.5500,
94.4652

■ 136.7250, -5.7804,
80.9252

■ 152.1640, -5.0109,
67.3852

■ 167.1300, -3.5151,
54.2600

■ 182.5690, -2.7455,
40.7200

■ 198.0080, -1.9759,
27.1800

■ 213.5610, -0.7696,
13.5400

Harmonies

Analogous

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



83.0200, 20.6961, 128.9015



74.8550, -9.2955, 135.1852



103.2270, -50.8909, 83.1159

Triad

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



74.8550, -9.2955, 135.1852



83.5140, -30.3264, -73.2418



103.6190, 74.6308, -90.8739

Complementary

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



74.8550, -9.2955, 135.1852



154.1450, 9.2955, -135.1852

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.



108.8560, 61.6960, -95.4667



74.8550, -9.2955, 135.1852



95.2100, 4.3335, -83.4992

Square

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



74.8550, -9.2955, 135.1852



97.8600, -48.2450, -19.1712



104.1190, 35.9303, -91.3124



108.5390, 66.2893, -28.5367

Rectangle

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



74.8550, -9.2955, 135.1852



108.0350, -53.2613, 49.9583



104.1190, 35.9303, -91.3124



106.4400, 72.7471, -93.3479

Sweetspot

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



74.8550, -9.2955, 135.1852



203.7760, -3.3406, 44.9234



77.5340, 74.6727, 82.8467



97.0080, -1.9759, 27.1800



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.



74.8550, -9.2955, 135.1852



83.3130, -10.5073, 150.5695



101.9300, -50.2515, 111.4404



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.6170, -2.2762, 30.1539

Inverse Universe

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



74.8550, -9.2955, 135.1852



83.3130, -10.5073, 150.5695



127.0700, 50.2515, -111.4404



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 74.8550, -9.2955, 135.1852 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



This preview shows how the YUV color 74.8550, -9.2955, 135.1852 looks on a 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 74.8550, -9.2955, 135.1852

Background



This preview shows how black text looks on a background with the YUV color 74.8550, -9.2955, 135.1852.



This preview shows how white text looks on a background with the YUV color 74.8550, -9.2955,

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

74.8550, -9.2955, 135.1852

Protanopia

115.1570, -14.8674, 8.6323

Deuteranopia

112.8270, -34.4247, 28.2157



Tritanopia

83.2690, -34.1496, 126.9291

Trichromacy



Original Color

74.8550, -9.2955, 135.1852

Protanomaly

100.6110, -13.1192, 54.7152

Deuteranomaly

99.1860, -25.2347, 67.3659

Tritanomaly

80.2830, -25.2825, 129.5478

Monochromacy



Original Color

74.8550, -9.2955, 135.1852

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0970, -3.4988, 49.0269

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8550, -9.2955, 135.1852 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(229, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 56)  
}
```

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(229, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 56) }
```

Border

The CSS property to change the border of an element to YUV 74.8550, -9.2955, 135.1852 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(229, 0, 56) }
```


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

```
.border{ border-color:rgb(229, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 56);  
box-shadow:4px 4px 4px 4px rgb(229, 0, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8550, -9.2955, 135.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 56) }
```

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

```
.background{ background-color: rgb(229, 0,  
56) }
```

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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