

Converting Colors

YUV(68.8990, -29.5302,
138.6546)

Have a look what the booklet for
YUV(68.8990, -29.5302, 138.6546)
contains.

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Color

**YUV(68.8990, -29.5302,
138.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	E30009
RGB	227, 0, 9
RGB Percent	89%, 0%, 4%
CMY	0.1098, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.96, 0.11
HSL	358°, 100%, 45%
HSV	358°, 100%, 89%
XYZ	31.7279, 16.3506, 1.7422
YIQ	68.8990, 132.4030, 50.9230

Conversions

Conversions Part 2

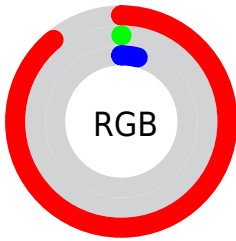
Format	Color
R_{YB}	227, 0, 9
Decimal	14876681
CIE _{Lab}	47.43, 73.44, 58.97
CIE _{LCh}	47, 94.181, 38.763
Yxy	16.3506, 0.6368, 0.3282
Android (android.graphics.Color)	4293066761 (0xFFE30009)
YUV	68.8990, -29.5302, 138.6546
Hunter-Lab	40.4359, 69.2965, 25.7506

Details

The YUV color **68.8990, -29.5302, 138.6546** 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 **158.1010, 29.5302, -138.6546**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0290, -36.9893, 104.3376**, and **48.1390, -23.7325, 98.9791** is the 20% darker color. If you saturate the color by 10%, you get **68.8990, -29.5302, 138.6546**, and if you desaturate by 10%, it is **84.9080, -26.5766, 124.6147**.

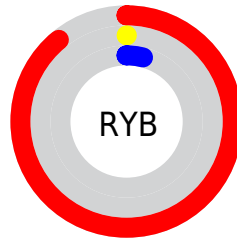
Distribution



Red (89%)

Green (0%)

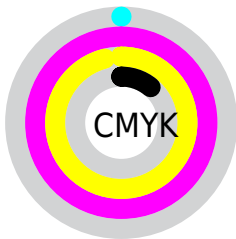
Blue (4%)



Red (89%)

Yellow (0%)

Blue (4%)

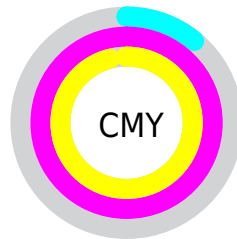


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 68.8990, -29.5302, 138.6546 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 68.8990, -29.5302, 138.6546 by changing the saturation by 10% instead.


 68.8990, -29.5302,
138.6546

 68.8990, -29.5302,
138.6546


 254.3160, -2.6208,
0.5999

 58.0060, -28.5970,
119.2667


 136.0290,
-36.9893, 104.3376


 48.1390, -23.7325,
98.9791


 157.0760,
-35.0405, 85.8793


 38.2720, -18.8681,
78.6915


 177.5360,
-32.8022, 67.9359

 28.9320, -13.2775,
58.8186

 197.5230,
-29.8378, 50.4073

 20.3750, -8.5659,
40.8901

 218.2110,
-26.7260, 32.2640


 9.9810, -4.4276,
20.1877


 239.0130,


 0.0000, 0.0000,


-23.1774, 14.0206


0.0000


 251.0100,
-15.2879, 3.4992

 68.8990, -29.5302,
138.6546

 84.9080, -26.5766,
124.6147

 100.3300,
-23.3337, 111.0896

 116.2250,
-20.8169, 97.1497

 132.2340,
-17.8634, 83.1098

 148.2430,
-14.9098, 69.0699

■ 163.6650,
-11.6668, 55.5448

■ 179.6740, -8.7133,
41.5049

■ 195.5690, -6.1965,
27.5650

■ 210.9910, -2.9536,
14.0399

Harmonies

Analogous

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



83.6720, 5.0917, 140.6077



68.8990, -29.5302, 138.6546



104.9000, -51.7157, 67.6167

Triad

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



68.8990, -29.5302, 138.6546



87.7660, -19.1116, -76.9708



97.7490, 77.5247, -85.7259

Complementary

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



68.8990, -29.5302, 138.6546



158.1010, 29.5302, -138.6546

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.



109.4890, 71.7369, -96.0219



68.8990, -29.5302, 138.6546



99.3310, 17.5848, -87.1133

Square

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



68.8990, -29.5302, 138.6546



78.0710, -38.4890, -68.4683



108.1090, 51.2183, -94.8116



111.3370, 62.9379, 19.8755

Rectangle

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



68.8990, -29.5302, 138.6546



105.8430, -52.1806, 29.9557



108.1090, 51.2183, -94.8116



103.0320, 74.9202, -90.3591

Sweetspot

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



68.8990, -29.5302, 138.6546



202.0660, -9.8925, 46.4231



90.4620, 67.3132, 110.0968



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.



68.8990, -29.5302, 138.6546



77.3850, -33.2208, 155.7684



127.7470, -62.9793, 87.0449



106.7020, -1.3321, 7.2773



54.3190, -23.3283, 109.3452



15.4770, -6.6442, 31.1537

Inverse Universe

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



68.8990, -29.5302, 138.6546



77.3850, -33.2208, 155.7684



99.2530, 62.9793, -87.0449



106.7020, -1.3321, 7.2773



54.3190, -23.3283, 109.3452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 68.8990, -29.5302, 138.6546 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 68.8990, -29.5302, 138.6546

Background



This preview shows how black text looks on a background with the YUV color 68.8990, -29.5302, 138.6546.



This preview shows how white text looks on a background with the YUV color 68.8990, -29.5302,

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

68.8990, -29.5302, 138.6546

Protanopia

109.7240, -38.3179, 16.9051

Deuteranopia

107.0390, -52.7702, 32.4148



Tritanopia

79.6020, -39.2438, 127.5140

Trichromacy



Original Color

68.8990, -29.5302, 138.6546

Protanomaly

94.9220, -34.9645, 61.4584

Deuteranomaly

92.8710, -44.3064, 71.1501

Tritanomaly

75.5470, -35.7657, 131.9473

Monochromacy



Original Color

68.8990, -29.5302, 138.6546

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8600, -10.7770, 50.1118

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8990, -29.5302, 138.6546 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(227, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 9)  
}
```

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(227, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 9) }
```

Border

The CSS property to change the border of an element to YUV 68.8990, -29.5302, 138.6546 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(227, 0, 9) }
```


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

```
.border{ border-color:rgb(227, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(227, 0, 9); box-shadow:4px  
4px 4px 4px rgb(227, 0, 9) }
```

Background

The CSS property to change the background color of an element to YUV 68.8990, -29.5302, 138.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 9) }
```

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

```
.background{ background-color: rgb(227, 0,  
9) }
```

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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