

Converting Colors

YUV(72.9130, -27.5651,
114.9633)

Have a look what the booklet for
YUV(72.9130, -27.5651, 114.9633)
contains.

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Color

**YUV(72.9130, -27.5651,
114.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1111
RGB	204, 17, 17
RGB Percent	80%, 7%, 7%
CMY	0.2000, 0.9333, 0.9333
CMYK	0.00, 0.92, 0.92, 0.20
HSL	0°, 85%, 43%
HSV	0°, 92%, 80%
XYZ	25.2035, 13.2787, 1.7650
YIQ	72.9130, 111.4520, 39.6440

Conversions

Conversions Part 2

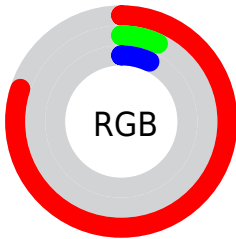
Format	Color
RYB	204, 17, 17
Decimal	13373713
CIELab	43.18, 66.14, 51.42
CIElCh	43, 83.775, 37.863
Yxy	13.2787, 0.6262, 0.3299
Android (android.graphics.Color)	4291563793 (0xFFCC1111)
YUV	72.9130, -27.5651, 114.9633
Hunter-Lab	36.4400, 59.6882, 22.6363

Details

The YUV color **72.9130, -27.5651, 114.9633** 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 **148.0870, 27.5651, -114.9633**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4850, -35.2421, 103.9377**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **60.9960, -30.0710, 125.4145**, and if you desaturate by 10%, it is **86.9330, -24.6170, 102.6678**.

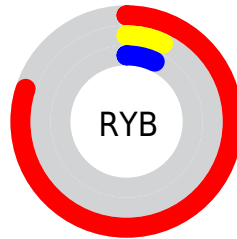
Distribution



Red (80%)

Green (7%)

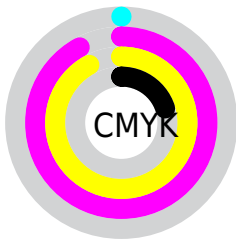
Blue (7%)



Red (80%)

Yellow (7%)

Blue (7%)

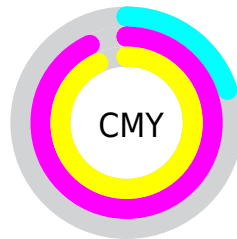


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9130, -27.5651, 114.9633 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 72.9130, -27.5651, 114.9633 by changing the saturation by 10% instead.

■ 72.9130, -27.5651,
114.9633

■ 72.9130, -27.5651,
114.9633

254.6580, -1.3104,
0.2999

■ 51.4280, -25.3540,
105.7416

■ 136.4850,
-35.2421, 103.9377

■ 41.8600, -20.6370,
86.0688

■ 156.2440,
-33.1513, 86.6090

■ 32.2920, -15.9200,
66.3959

■ 176.1170,
-30.6237, 69.1804

■ 23.5500, -10.6242,
47.7527

■ 196.1040,
-27.6593, 51.6518


■ 14.5800, -6.2019,
29.3093


■ 216.2050,
-24.2581, 34.0232


■ 0.0000, 0.0000,
0.0000


■ 237.0070,


-20.7095, 15.7799


 251.3520,
-13.9775, 3.1993


 72.9130, -27.5651,
114.9633

 72.9130, -27.5651,
114.9633


 60.9960, -30.0710,
125.4145

 86.9330, -24.6170,
102.6678

 101.6540,
-21.5214, 89.7574

 115.6740,
-18.5733, 77.4619

 130.3950,
-15.4777, 64.5516

 144.4150,
-12.5296, 52.2560

■ 158.4350, -9.5815,
39.9605

■ 173.1560, -6.4859,
27.0502

■ 187.1760, -3.5378,
14.7546

■ 201.8970, -0.4422,
1.8443

Harmonies

Analogous

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



75.1000, 5.8667, 125.3233



72.9130, -27.5651, 114.9633



95.1210, -46.8947, 61.2839

Triad

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



72.9130, -27.5651, 114.9633



78.9780, -17.2442, -69.2637



89.9240, 75.4665, -78.8633

Complementary

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



72.9130, -27.5651, 114.9633



148.0870, 27.5651, -114.9633

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.



98.7630, 66.1788, -86.6152



72.9130, -27.5651, 114.9633



89.2890, 14.6475, -78.3065

Square

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



72.9130, -27.5651, 114.9633



71.6360, -35.3165, -59.3168



97.0410, 44.3498, -85.1050



101.3550, 55.5340, 14.5977

Rectangle

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



72.9130, -27.5651, 114.9633



96.0970, -47.3758, 28.8559



97.0410, 44.3498, -85.1050



94.7340, 73.5881, -83.0817

Sweetspot

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



72.9130, -27.5651, 114.9633



205.2290, -10.4659, 43.6492



94.2310, 54.1161, 96.2674



97.1560, -6.4859, 27.0502



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.



72.9130, -27.5651, 114.9633



76.2450, -37.5888, 156.7681



128.0910, -54.7679, 66.5722



94.9900, -1.4741, 6.1478



49.6340, -24.4696, 102.0530



11.3620, -5.6015, 23.3615

Inverse Universe

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



148.0870, 27.5651, -114.9633



178.7550, 37.5888, -156.7681



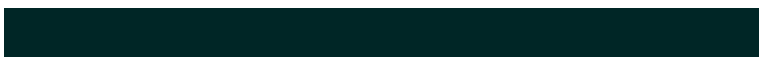
93.4960, 54.4785, -67.0870



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 72.9130, -27.5651, 114.9633 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 72.9130, -27.5651, 114.9633

Background



This preview shows how black text looks on a background with the YUV color 72.9130, -27.5651, 114.9633.



This preview shows how white text looks on a background with the YUV color 72.9130, -27.5651,

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

72.9130, -27.5651, 114.9633

Protanopia

99.7220, -31.9079, 14.2758

Deuteranopia

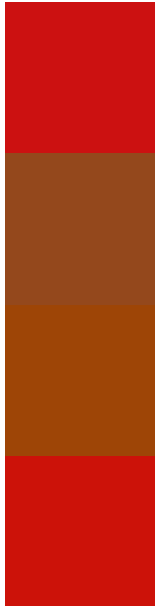
96.6950, -47.6706, 30.0855



Tritanopia

72.0180, -33.5329, 115.7482

Trichromacy



Original Color

72.9130, -27.5651, 114.9633

Protanomaly

89.7080, -30.4220, 51.1221

Deuteranomaly

88.4290, -40.6375, 61.0138

Tritanomaly

72.5880, -31.3489, 115.2483

Monochromacy



Original Color

72.9130, -27.5651, 114.9633

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.3320, -10.0237, 41.8048

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9130, -27.5651, 114.9633 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(204, 17, 17)` looks like.

```
.text, #text, p{  
    color:rgb(204, 17, 17)  
}
```

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(204, 17, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 17, 17) }
```

Border

The CSS property to change the border of an element to YUV 72.9130, -27.5651, 114.9633 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(204, 17, 17) }
```


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

```
.border{ border-color:rgb(204, 17, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 17, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 17, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 17, 17);  
box-shadow:4px 4px 4px 4px rgb(204, 17,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 72.9130, -27.5651, 114.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 17, 17) }
```

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

```
.background{ background-color: rgb(204, 17,  
17) }
```

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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