

Converting Colors

YUV(72.4480, -22.4059,
93.4461)

Have a look what the booklet for
YUV(72.4480, -22.4059, 93.4461)
contains.

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Color

**YUV(72.4480, -22.4059,
93.4461)**

Conversions

Conversions Part 1

Format	Color
Hex	B31B1B
RGB	179, 27, 27
RGB Percent	70%, 11%, 11%
CMY	0.2980, 0.8941, 0.8941
CMYK	0.00, 0.85, 0.85, 0.30
HSL	0°, 74%, 40%
HSV	0°, 85%, 70%
XYZ	19.1802, 10.4467, 2.0424
YIQ	72.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

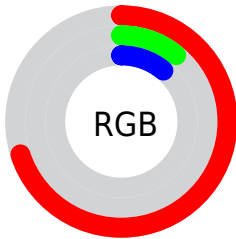
Format	Color
RYB	179, 27, 27
Decimal	11737883
CIELab	38.63, 57.79, 41.05
CIElCh	39, 70.888, 35.390
Yxy	10.4467, 0.6056, 0.3299
Android (android.graphics.Color)	4289927963 (0xFFB31B1B)
YUV	72.4480, -22.4059, 93.4461
Hunter-Lab	32.3214, 49.3632, 18.8784

Details

The YUV color **72.4480, -22.4059, 93.4461** is a dark color, and the websafe version is hex **CC3333**, and the color name is **carnelian**. A complement of this color would be **133.5520, 22.4059, -93.4461**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8090, -29.9788, 95.7605**, and **34.9830, -17.2466, 71.9289** is the 20% darker color. If you saturate the color by 10%, you get **59.8300, -25.0592, 104.5121**, and if you desaturate by 10%, it is **85.0660, -19.7525, 82.3801**.

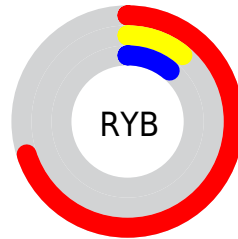
Distribution



Red (70%)

Green (11%)

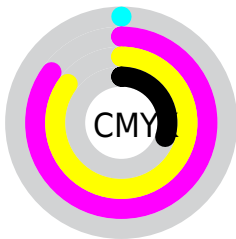
Blue (11%)



Red (70%)

Yellow (11%)

Blue (11%)

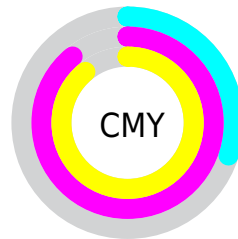


Cyan (0%)

Magenta (85%)

Yellow (85%)

Black (30%)



Cyan (30%)


Magenta (89%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.4480, -22.4059, 93.4461 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 72.4480, -22.4059, 93.4461 by changing the saturation by 10% instead.


 72.4480, -22.4059,
93.4461

 72.4480, -22.4059,
93.4461


255.0000, 0.0000,
0.0000


 44.7080, -20.0690,
90.5871


 132.8090,
-29.9788, 95.7605


 34.9830, -17.2466,
71.9289


 155.9820,
-29.0781, 86.8388


 25.7140, -12.6770,
52.8708

 175.2680,
-26.2611, 69.9250

 17.8690, -7.8234,
36.0719

 195.2550,
-23.2967, 52.3964

 5.9800, -2.9481,
12.2955

 214.7690,
-19.6061, 35.2826

 0.0000, 0.0000,
0.0000

 235.4570,

-16.4943, 17.1392

■ 252.1500,
-10.9200, 2.4994

■ 72.4480, -22.4059,
93.4461

■ 72.4480, -22.4059,
93.4461

■ 59.8300, -25.0592,
104.5121

■ 85.0660, -19.7525,
82.3801

■ 53.5210, -26.3859,
110.0451

■ 97.6840, -17.0992,
71.3141

■ 110.3020,
-14.4459, 60.2481

■ 122.9200,
-11.7926, 49.1822

■ 134.8370, -9.2866,
38.7310

■ 147.4550, -6.6333,
27.6650

■ 160.0730, -3.9800,
16.5990

■ 172.6910, -1.3267,
5.5330

■ 185.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



65.6740, 8.5417, 107.2799



72.4480, -22.4059, 93.4461



84.7550, -41.7842, 55.4659

Triad

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



72.4480, -22.4059, 93.4461



70.0760, -15.8135, -61.4567



80.0640, 63.0724, -70.2161

Complementary

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



72.4480, -22.4059, 93.4461



133.5520, 22.4059, -93.4461

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.



86.4410, 54.5056, -75.8088



72.4480, -22.4059, 93.4461



78.3180, 10.6892, -68.6849

Square

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



72.4480, -22.4059, 93.4461



72.3990, -35.6927, -31.9219



84.8160, 35.5867, -74.3836



91.0090, 46.8306, 6.1311

Rectangle

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



72.4480, -22.4059, 93.4461



86.0630, -42.4291, 28.8857



84.8160, 35.5867, -74.3836



83.5860, 61.3361, -73.3049

Sweetspot

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



72.4480, -22.4059, 93.4461



191.3420, -8.5496, 35.6571



89.7760, 43.9874, 78.2494



92.4650, -5.1592, 21.5172



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4480, -22.4059, 93.4461



69.3680, -34.1984, 142.6283



117.0600, -44.3996, 54.3214



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842

Inverse Universe

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



133.5520, 22.4059, -93.4461



162.6320, 34.1984, -142.6283



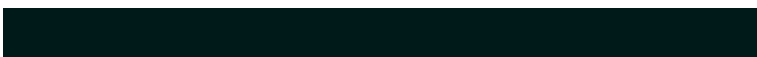
88.9400, 44.3996, -54.3214



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Previews

White Background



This preview shows how the YUV color 72.4480, -22.4059, 93.4461 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 72.4480, -22.4059, 93.4461 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 72.4480, -22.4059, 93.4461

Background



This preview shows how black text looks on a background with the YUV color 72.4480, -22.4059, 93.4461.



This preview shows how white text looks on a background with the YUV color 72.4480, -22.4059,

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

72.4480, -22.4059, 93.4461

Protanopia

90.2900, -23.3140, 11.1467

Deuteranopia

86.6390, -42.7130, 26.6266



Tritanopia

72.2200, -23.2795, 93.6461

Trichromacy



Original Color

72.4480, -22.4059, 93.4461

Protanomaly

83.8900, -23.1168, 41.3155

Deuteranomaly

81.7420, -35.3688, 51.0923

Tritanomaly

72.3340, -22.8427, 93.5461

Monochromacy



Original Color

72.4480, -22.4059, 93.4461

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.4450, -8.1074, 33.8127

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4480, -22.4059, 93.4461 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(179, 27, 27)` looks like.

```
.text, #text, p{  
    color:rgb(179, 27, 27)  
}
```

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(179, 27, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 27, 27) }
```

Border

The CSS property to change the border of an element to YUV 72.4480, -22.4059, 93.4461 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(179, 27, 27) }
```


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

```
.border{ border-color:rgb(179, 27, 27) }
```

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

Here you see how a box with a 4 pixel rgb(179, 27, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 27, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 27, 27);  
box-shadow:4px 4px 4px 4px rgb(179, 27,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 72.4480, -22.4059, 93.4461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 27, 27) }
```

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

```
.background{ background-color: rgb(179, 27,  
27) }
```

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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