

Converting Colors

YUV(72.3450, -22.8481,
95.2904)

Have a look what the booklet for
YUV(72.3450, -22.8481, 95.2904)
contains.

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Color

**YUV(72.3450, -22.8481,
95.2904)**

Conversions

Conversions Part 1	
Format	Color
Hex	B51A1A
RGB	181, 26, 26
RGB Percent	71%, 10%, 10%
CMY	0.2902, 0.8980, 0.8980
CMYK	0.00, 0.86, 0.86, 0.29
HSL	0°, 75%, 41%
HSV	0°, 86%, 71%
XYZ	19.6119, 10.6371, 1.9968
YIQ	72.3450, 92.3800, 32.8600

Conversions

Conversions Part 2

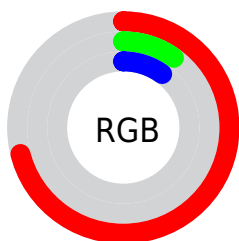
Format	Color
RYB	181, 26, 26
Decimal	11868698
CIELab	38.96, 58.55, 42.02
CIELCh	39, 72.070, 35.666
Yxy	10.6371, 0.6082, 0.3299
Android (android.graphics.Color)	4290058778 (0xFFB51A1A)
YUV	72.3450, -22.8481, 95.2904
Hunter-Lab	32.6146, 50.2605, 19.2003

Details

The YUV color **72.3450, -22.8481, 95.2904** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **134.6550, 22.8481, -95.2904**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7060, -30.4211, 97.6048**, and **35.5810, -17.5414, 73.1585** is the 20% darker color. If you saturate the color by 10%, you get **59.7270, -25.5014, 106.3564**, and if you desaturate by 10%, it is **84.9630, -20.1948, 84.2244**.

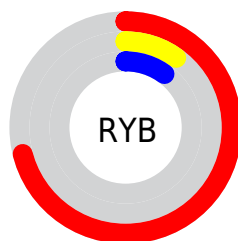
Distribution



Red (71%)

Green (10%)

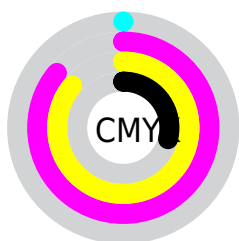
Blue (10%)



Red (71%)

Yellow (10%)

Blue (10%)

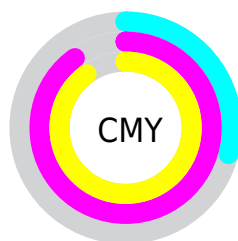


Cyan (0%)

Magenta (86%)

Yellow (86%)

Black (29%)



Cyan (29%)

Magenta (90%)


Yellow (90%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 72.3450, -22.8481, 95.2904 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 72.3450, -22.8481, 95.2904 by changing the saturation by 10% instead.


 72.3450, -22.8481,
95.2904

 72.3450, -22.8481,
95.2904


255.0000, 0.0000,
0.0000


 45.1920, -20.8007,
91.9166


 133.7060,
-30.4211, 97.6048


 35.5810, -17.5414,
73.1585


 155.8680,
-29.5149, 86.9388


 26.3120, -12.9718,
54.1004


 175.1540,
-26.6979, 70.0249

 18.2820, -7.5340,
36.5867

 195.1410,
-23.7335, 52.4963


 6.8770, -3.3904,
14.1399


 215.2420,
-20.3323, 34.8678


 0.0000, 0.0000,
0.0000


 235.3430,


-16.9311, 17.2392


 252.0360,
-11.3567, 2.5994


 72.3450, -22.8481,
95.2904


 72.3450, -22.8481,
95.2904


 59.7270, -25.5014,
106.3564


 84.9630, -20.1948,
84.2244

 54.1190, -26.6807,
111.2746

 97.5810, -17.5414,
73.1585

 110.1990,
-14.8881, 62.0925

 122.8170,
-12.2348, 51.0265

 136.1360, -9.4340,
39.3457

 148.7540, -6.7807,
28.2797

 161.3720, -4.1274,
17.2138

 173.9900, -1.4741,
6.1478

 186.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



66.3860, 8.6837, 108.4095



72.3450, -22.8481, 95.2904



85.3530, -42.0790, 56.6954

Triad

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



72.3450, -22.8481, 95.2904



70.7770, -15.6661, -62.0714



80.9930, 64.0935, -71.0309

Complementary

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



72.3450, -22.8481, 95.2904



134.6550, 22.8481, -95.2904

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.



87.3700, 55.5266, -76.6235



72.3450, -22.8481, 95.2904



79.1330, 11.2734, -69.3996

Square

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



72.3450, -22.8481, 95.2904



72.3880, -35.6873, -33.6663



85.6310, 36.1709, -75.0984



91.9490, 47.8461, 7.0607

Rectangle

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



72.3450, -22.8481, 95.2904



86.9490, -42.8659, 28.9857



85.6310, 36.1709, -75.0984



84.5150, 62.3571, -74.1197

Sweetspot

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



72.3450, -22.8481, 95.2904



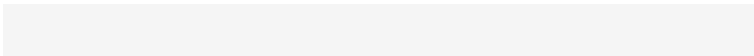
192.2390, -8.9918, 37.5014



90.0150, 44.8556, 79.7938



91.7640, -5.3067, 22.1320



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.



72.3450, -22.8481, 95.2904



70.2650, -34.6406, 144.4726



117.5440, -45.1312, 55.6509



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.



134.6550, 22.8481, -95.2904



164.7350, 34.6406, -144.4726



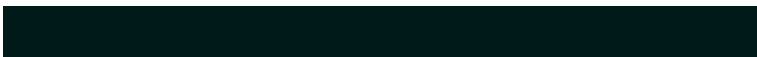
88.8690, 45.4206, -55.1361



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 72.3450, -22.8481, 95.2904 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 72.3450, -22.8481, 95.2904 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 72.3450, -22.8481, 95.2904

Background



This preview shows how black text looks on a background with the YUV color 72.3450, -22.8481, 95.2904.



This preview shows how white text looks on a background with the YUV color 72.3450, -22.8481,

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

72.3450, -22.8481, 95.2904

Protanopia

90.4750, -23.8982, 11.8614

Deuteranopia

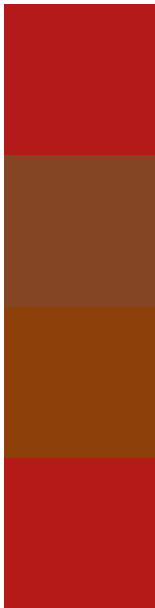
86.9380, -42.8604, 27.2414



Tritanopia

72.1170, -23.7217, 95.4904

Trichromacy



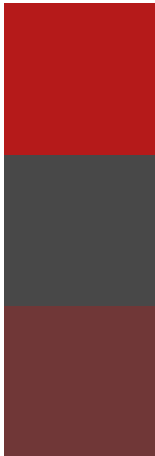
Original Color
72.3450, -22.8481, 95.2904

Protanomaly
84.0750, -23.7010, 42.0302

Deuteranomaly
81.3400, -35.6636, 52.3218

Tritanomaly
72.2310, -23.2849, 95.3904

Monochromacy



Original Color
72.3450, -22.8481, 95.2904

Achromatopsia
72.0000, 0.0000, 0.0000

Achromatomaly
72.0430, -8.4022, 35.0423

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.3450, -22.8481, 95.2904 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(181, 26, 26)` looks like.

```
.text, #text, p{  
    color:rgb(181, 26, 26)  
}
```

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(181, 26, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 26, 26) }
```

Border

The CSS property to change the border of an element to YUV 72.3450, -22.8481, 95.2904 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(181, 26, 26) }
```


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

```
.border{ border-color:rgb(181, 26, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 26, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 26, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 26, 26);  
box-shadow:4px 4px 4px 4px rgb(181, 26,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 72.3450, -22.8481, 95.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 26, 26) }
```

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

```
.background{ background-color: rgb(181, 26,  
26) }
```

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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