

Converting Colors

YUV(73.3230, -22.8372,
91.8017)

Have a look what the booklet for
YUV(73.3230, -22.8372, 91.8017)
contains.

YUV(73.3230, -22.8372, 91.8017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.3230, -22.8372,
91.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	B21D1B
RGB	178, 29, 27
RGB Percent	70%, 11%, 11%
CMY	0.3020, 0.8863, 0.8941
CMYK	0.00, 0.84, 0.85, 0.30
HSL	1°, 74%, 40%
HSV	1°, 85%, 70%
XYZ	18.9973, 10.4228, 2.0475
YIQ	73.3230, 89.4460, 30.9660

Conversions

Conversions Part 2

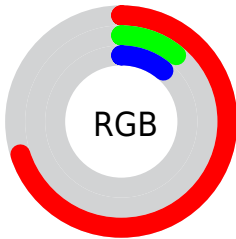
Format	Color
RYB	178, 29, 27
Decimal	11672859
CIELab	38.59, 57.03, 40.94
CIELCh	39, 70.206, 35.670
Yxy	10.4228, 0.6037, 0.3312
Android (android.graphics.Color)	4289862939 (0xFFB21D1B)
YUV	73.3230, -22.8372, 91.8017
Hunter-Lab	32.2844, 48.5380, 18.8390

Details

The YUV color **73.3230, -22.8372, 91.8017** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **131.6770, 22.8372, -91.8017**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0970, -30.1208, 94.6309**, and **34.6840, -17.0992, 71.3141** is the 20% darker color. If you saturate the color by 10%, you get **60.7050, -25.4906, 102.8677**, and if you desaturate by 10%, it is **85.9410, -20.1839, 80.7357**.

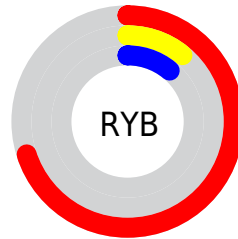
Distribution



Red (70%)

Green (11%)

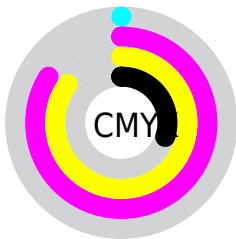
Blue (11%)



Red (70%)

Yellow (11%)

Blue (11%)

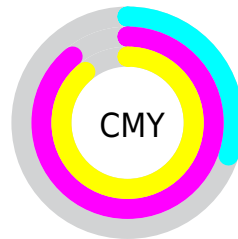


Cyan (0%)

Magenta (84%)

Yellow (85%)

Black (30%)



Cyan (30%)


Magenta (89%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.3230, -22.8372, 91.8017 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 73.3230, -22.8372, 91.8017 by changing the saturation by 10% instead.


 73.3230, -22.8372,
91.8017

 73.3230, -22.8372,
91.8017


255.0000, 0.0000,
0.0000

 44.4090, -19.9216,
89.9723

 133.0970,
-30.1208, 94.6309


 34.6840, -17.0992,
71.3141


 156.5690,
-29.3675, 86.3240


 25.7140, -12.6770,
52.8708

 175.8550,
-26.5505, 69.4102

 17.5700, -7.6760,
35.4571

 195.2550,
-23.2967, 52.3964


 5.3820, -2.6533,
11.0660


 215.3560,
-19.8955, 34.7678


 0.0000, 0.0000,
0.0000


 235.4570,


-16.4943, 17.1392


 252.1500,
-10.9200, 2.4994


 73.3230, -22.8372,
91.8017


 73.3230, -22.8372,
91.8017


 60.7050, -25.4906,
102.8677


 85.9410, -20.1839,
80.7357

 54.3960, -26.8172,
108.4007

 97.9720, -17.2412,
70.1846

 110.4760,
-15.0247, 59.2185

 122.5070,
-12.0820, 48.6674

 135.1250, -9.4286,
37.6014

■ 147.1560, -6.4859,
27.0502

■ 159.7740, -3.8326,
15.9842

■ 172.2780, -1.6161,
5.0182

■ 184.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



65.3750, 8.6891, 106.6651



73.3230, -22.8372, 91.8017



84.4560, -41.6368, 54.8511

Triad

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



73.3230, -22.8372, 91.8017



69.6030, -15.0873, -61.0418



79.2490, 62.4882, -69.5014

Complementary

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



73.3230, -22.8372, 91.8017



131.6770, 22.8372, -91.8017

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.



86.3270, 54.0688, -75.7088



73.3230, -22.8372, 91.8017



78.4320, 11.1260, -68.7849

Square

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



73.3230, -22.8372, 91.8017



72.3990, -35.6927, -31.9219



84.8160, 35.5867, -74.3836



91.1940, 46.2464, 6.8459

Rectangle

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



73.3230, -22.8372, 91.8017



86.0630, -42.4291, 28.8857



84.8160, 35.5867, -74.3836



82.7710, 60.7519, -72.5902

Sweetspot

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



73.3230, -22.8372, 91.8017



191.9290, -8.8390, 35.1423



89.3630, 43.6980, 77.7346



93.0520, -5.4486, 21.0024



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.



73.3230, -22.8372, 91.8017



71.1290, -35.0666, 141.0839



116.1740, -43.9628, 54.2214



82.6910, -1.3267, 5.5330



46.9210, -23.1321, 93.0313



7.7740, -3.8326, 15.9842

Inverse Universe

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



131.6770, 22.8372, -91.8017



160.8710, 35.0666, -141.0839



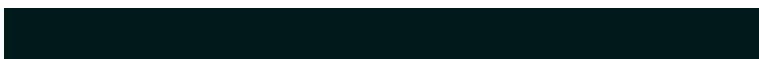
88.2390, 44.2522, -53.7066



86.3090, 1.3267, -5.5330



106.0790, 23.1321, -93.0313



17.6390, 4.1220, -15.4694

Previews

White Background



This preview shows how the YUV color 73.3230, -22.8372, 91.8017 looks on a white background.

Color Contrast Check

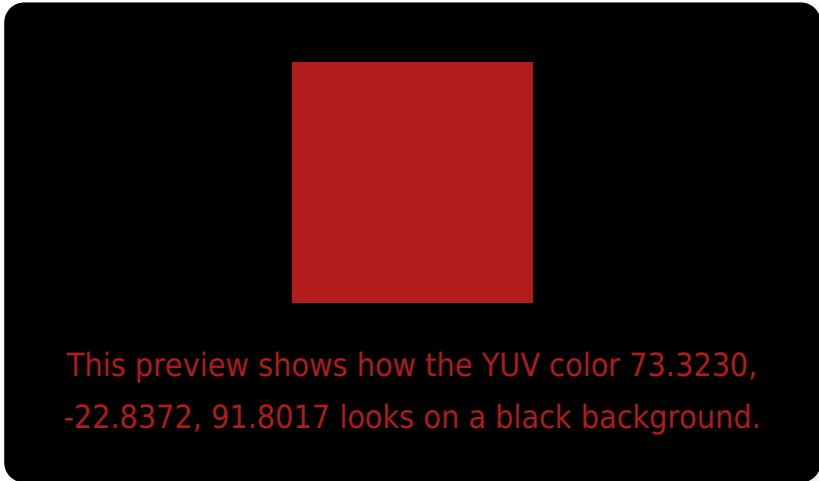
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.3230, -22.8372, 91.8017

Background



This preview shows how black text looks on a background with the YUV color 73.3230, -22.8372, 91.8017.



This preview shows how white text looks on a background with the YUV color 73.3230, -22.8372,

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

73.3230, -22.8372, 91.8017

Protanopia

89.2900, -23.3140, 11.1467

Deuteranopia

86.6390, -42.7130, 26.6266



Tritanopia

73.3230, -22.8372, 91.8017

Trichromacy



Original Color

73.3230, -22.8372, 91.8017

Protanomaly

83.5910, -22.9694, 40.7007

Deuteranomaly

82.0300, -35.5108, 49.9627

Tritanomaly

73.3230, -22.8372, 91.8017

Monochromacy



Original Color

73.3230, -22.8372, 91.8017

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0320, -8.3968, 33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3230, -22.8372, 91.8017 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(178, 29, 27)` looks like.

```
.text, #text, p{  
    color:rgb(178, 29, 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(178, 29, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 29, 27) }
```

Border

The CSS property to change the border of an element to YUV 73.3230, -22.8372, 91.8017 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(178, 29, 27) }
```


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

```
.border{ border-color:rgb(178, 29, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 29, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 29, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 29, 27);  
box-shadow:4px 4px 4px 4px rgb(178, 29,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 73.3230, -22.8372, 91.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 29, 27) }
```

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

```
.background{ background-color: rgb(178, 29,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor