

Converting Colors

YUV(71.1730, -29.1723,
23.5273)

Have a look what the booklet for
YUV(71.1730, -29.1723, 23.5273)
contains.

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Color

**YUV(71.1730, -29.1723,
23.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	62450C
RGB	98, 69, 12
RGB Percent	38%, 27%, 5%
CMY	0.6157, 0.7294, 0.9529
CMYK	0.00, 0.30, 0.88, 0.62
HSL	40°, 78%, 22%
HSV	40°, 88%, 38%
XYZ	7.2315, 6.8795, 1.2946
YIQ	71.1730, 35.5810, -11.5790

Conversions

Conversions Part 2

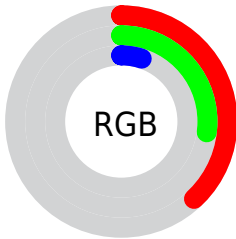
Format	Color
RYB	56, 98, 12
Decimal	6440204
CIELab	31.53, 6.99, 36.30
CIELCh	32, 36.970, 79.095
Yxy	6.8795, 0.4694, 0.4466
Android (android.graphics.Color)	4284630284 (0xFF62450C)
YUV	71.1730, -29.1723, 23.5273
Hunter-Lab	26.2287, 3.3137, 15.4338

Details

The YUV color **71.1730, -29.1723, 23.5273** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **38.8270, 29.1723, -23.5273**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9670, -30.0567, 27.2159**, and **29.3150, -14.4523, 15.5097** is the 20% darker color. If you saturate the color by 10%, you get **68.2720, -32.6721, 26.0715**, and if you desaturate by 10%, it is **74.0740, -25.6725, 20.9831**.

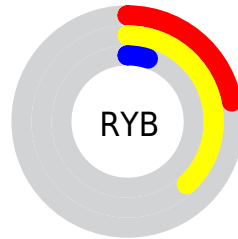
Distribution



Red (38%)

Green (27%)

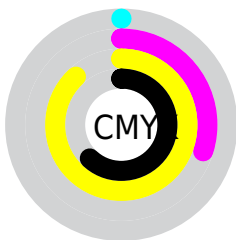
Blue (5%)



Red (22%)

Yellow (38%)

Blue (5%)

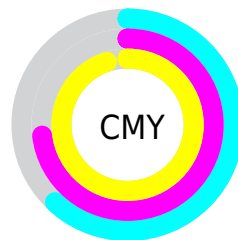


Cyan (0%)

Magenta (30%)

Yellow (88%)

Black (62%)



Cyan (62%)


Magenta (73%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.1730, -29.1723, 23.5273 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 71.1730, -29.1723, 23.5273 by changing the saturation by 10% instead.


 71.1730, -29.1723,
23.5273


 71.1730, -29.1723,
23.5273


 253.8600, -4.3680,
0.9998


 49.4160, -24.3621,
20.6832


 120.9670,
-30.0567, 27.2159


 29.3150, -14.4523,
15.5097

 147.3370,
-31.2251, 28.6455

 6.5780, -3.2430,
13.5251

 174.1200,
-32.1042, 30.5898

 0.0000, 0.0000,
0.0000

 201.6040,
-32.8358, 31.9193

 226.0870,
-32.0879, 25.3567

 246.3020,

-28.2499, 7.6281

■ 250.6680,
-16.5983, 3.7992

■ 71.1730, -29.1723,
23.5273

■ 71.1730, -29.1723,
23.5273

■ 68.2720, -32.6721,
26.0715

■ 74.0740, -25.6725,
20.9831

■ 67.4570, -33.2563,
26.7862

■ 77.5620, -22.4621,
17.9241

■ 80.3490, -19.3991,
15.4799

■ 83.2500, -15.8993,
12.9358

■ 86.7380, -12.6888,
9.8768

■ 89.6390, -9.1890,
7.3326

■ 92.5400, -5.6892,
4.7884

■ 95.3270, -2.6262,
2.3442

■ 98.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



72.2750, -20.3486, 40.1008



71.1730, -29.1723, 23.5273



68.4970, -27.3600, 2.1951

Triad

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



71.1730, -29.1723, 23.5273



62.1440, 14.7190, -54.5003



76.4150, 17.5434, 19.8070

Complementary

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



71.1730, -29.1723, 23.5273



38.8270, 29.1723, -23.5273

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.



72.8280, 27.6928, -15.6352



71.1730, -29.1723, 23.5273



63.8200, 26.2177, -55.9701

Square

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



71.1730, -29.1723, 23.5273



58.1370, 1.9045, -50.9861



62.4810, 33.7799, -54.7958



74.1590, 5.8376, 41.0796

Rectangle

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



71.1730, -29.1723, 23.5273



66.6350, -20.0331, -14.5889



62.4810, 33.7799, -54.7958



76.5600, 20.9229, 9.1559

Sweetspot

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



71.1730, -29.1723, 23.5273



117.0800, -11.3784, 9.5768



41.1340, 0.4269, 49.8715



57.6110, -6.7102, 5.6032



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.1730, -29.1723, 23.5273



88.1670, -43.4663, 34.9335



84.3090, -35.6483, 0.6060



46.9570, -1.4578, 0.9147



76.9260, -37.9245, 30.7599



165.0930, -81.3908, 65.6934

Inverse Universe

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



38.8270, 29.1723, -23.5273



39.8330, 43.4663, -34.9335



25.6910, 35.6483, -0.6060



45.0430, 1.4578, -0.9147



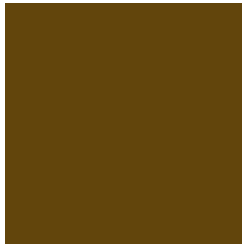
35.0740, 37.9245, -30.7599



74.9070, 81.3908, -65.6934

Previews

White Background



This preview shows how the YUV color 71.1730, -29.1723, 23.5273 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 ✓ Pass

Black Background



This preview shows how the YUV color 71.1730, -29.1723, 23.5273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 71.1730, -29.1723, 23.5273

Background



This preview shows how black text looks on a background with the YUV color 71.1730, -29.1723, 23.5273.



This preview shows how white text looks on a background with the YUV color 71.1730, -29.1723,

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

71.1730, -29.1723, 23.5273

Protanopia

70.7370, -27.9713, 11.6317

Deuteranopia

71.0370, -29.5982, 20.1386



Tritanopia

75.6330, -3.2701, 22.2469

Trichromacy



Original Color

71.1730, -29.1723, 23.5273

Protanomaly

70.9440, -28.5664, 15.8351

Deuteranomaly

70.7490, -29.4563, 21.2681

Tritanomaly

74.1140, -12.8742, 22.7020

Monochromacy



Original Color

71.1730, -29.1723, 23.5273

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0090, -10.3574, 8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1730, -29.1723, 23.5273 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(98, 69, 12)` looks like.

```
.text, #text, p{  
    color:rgb(98, 69, 12)  
}
```

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(98, 69, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 69, 12) }
```

Border

The CSS property to change the border of an element to YUV 71.1730, -29.1723, 23.5273 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(98, 69, 12) }
```


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

```
.border{ border-color:rgb(98, 69, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 69, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 69, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 69, 12);  
box-shadow:4px 4px 4px 4px rgb(98, 69, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.1730, -29.1723, 23.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 69, 12) }
```

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

```
.background{ background-color: rgb(98, 69,  
12) }
```

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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