

Converting Colors

YUV(73.7620, -28.9697,
51.9517)

Have a look what the booklet for
YUV(73.7620, -28.9697, 51.9517)
contains.

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Color

**YUV(73.7620, -28.9697,
51.9517)**

Conversions

Conversions Part 1

Format	Color
Hex	85370F
RGB	133, 55, 15
RGB Percent	52%, 22%, 6%
CMY	0.4784, 0.7843, 0.9412
CMYK	0.00, 0.59, 0.89, 0.48
HSL	20°, 80%, 29%
HSV	20°, 89%, 52%
XYZ	11.1253, 7.7534, 1.3621
YIQ	73.7620, 59.3280, 4.0960

Conversions

Conversions Part 2

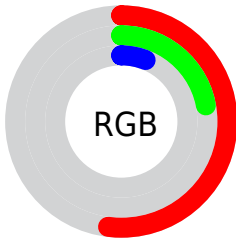
Format	Color
RYB	133, 76, 15
Decimal	8730383
CIELab	33.46, 31.38, 38.85
CIELCh	33, 49.942, 51.077
Yxy	7.7534, 0.5496, 0.3831
Android (android.graphics.Color)	4286920463 (0xFF85370F)
YUV	73.7620, -28.9697, 51.9517
Hunter-Lab	27.8449, 22.5899, 16.5911

Details

The YUV color **73.7620, -28.9697, 51.9517** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **74.2380, 28.9697, -51.9517**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5240, -31.3173, 58.2995**, and **25.6590, -12.6499, 44.1491** is the 20% darker color. If you saturate the color by 10%, you get **66.9970, -32.0435, 57.8846**, and if you desaturate by 10%, it is **80.5270, -25.8958, 46.0188**.

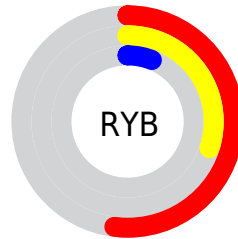
Distribution



Red (52%)

Green (22%)

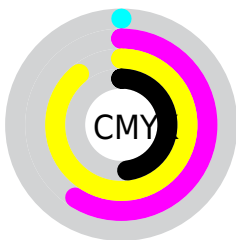
Blue (6%)



Red (52%)

Yellow (30%)

Blue (6%)

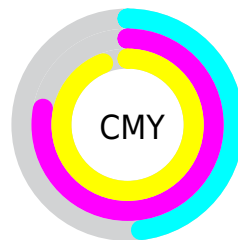


Cyan (0%)

Magenta (59%)

Yellow (89%)

Black (48%)



Cyan (48%)


Magenta (78%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 73.7620, -28.9697, 51.9517 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 73.7620, -28.9697, 51.9517 by changing the saturation by 10% instead.


 73.7620, -28.9697,
51.9517


 73.7620, -28.9697,
51.9517


 254.0880, -3.4944,
0.7998


 49.5920, -24.4489,
48.5928


 125.5240,
-31.3173, 58.2995

 25.6590, -12.6499,
44.1491


 152.4920,
-32.7806, 60.9585


 14.9500, -7.3703,
30.7388

 180.1610,
-34.0964, 63.0028

 2.3920, -1.1793,
4.9182

 199.8710,
-30.9954, 48.3481

 0.0000, 0.0000,
0.0000

 219.2710,
-27.7416, 31.3343

 238.7850,

-24.0510, 14.2206

■ 250.7820,
-16.1615, 3.6992

■ 73.7620, -28.9697,
51.9517

■ 73.7620, -28.9697,
51.9517

■ 66.9970, -32.0435,
57.8846

■ 80.5270, -25.8958,
46.0188

■ 66.1820, -32.6277,
58.5994

■ 87.4060, -22.3852,
39.9859

■ 93.5840, -19.0219,
34.5678

■ 100.3490,
-15.9481, 28.6349

■ 107.2280,
-12.4374, 22.6020

■ 113.9930, -9.3635,
16.6691

■ 120.7580, -6.2897,
10.7362

■ 126.9360, -2.9264,
5.3181

■ 133.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



71.1270, -8.9366, 66.5406



73.7620, -28.9697, 51.9517



74.5450, -36.7507, 27.5860

Triad

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



73.7620, -28.9697, 51.9517



63.1750, 0.8997, -55.4045



74.6450, 38.6290, -23.3677

Complementary

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



73.7620, -28.9697, 51.9517



74.2380, 28.9697, -51.9517

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.



68.9670, 43.4003, -60.4841



73.7620, -28.9697, 51.9517



68.4360, 18.5191, -60.0184

Square

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



73.7620, -28.9697, 51.9517



57.6370, -16.5830, -47.9166



71.1380, 33.9490, -62.3880



80.4900, 23.9154, 29.3883

Rectangle

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



73.7620, -28.9697, 51.9517



72.9510, -35.9648, 8.8130



71.1380, 33.9490, -62.3880



64.2710, 45.7154, -56.3657

Sweetspot

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



73.7620, -28.9697, 51.9517



149.5590, -11.1216, 20.5578



59.2880, 17.1130, 64.6454



72.6550, -6.7319, 12.5806



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



73.7620, -28.9697, 51.9517



86.3600, -42.5755, 75.9833



107.8080, -45.7543, 22.0934



62.9680, -1.4632, 2.6591



64.6980, -31.8961, 57.2699



1.4840, -0.7316, 1.3295

Inverse Universe

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



74.2380, 28.9697, -51.9517



87.2270, 42.2861, -76.4981



40.1920, 45.7543, -22.0934



63.0320, 1.4632, -2.6591



65.3020, 31.8961, -57.2699



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 73.7620, -28.9697, 51.9517 looks on a white background.

Color Contrast Check

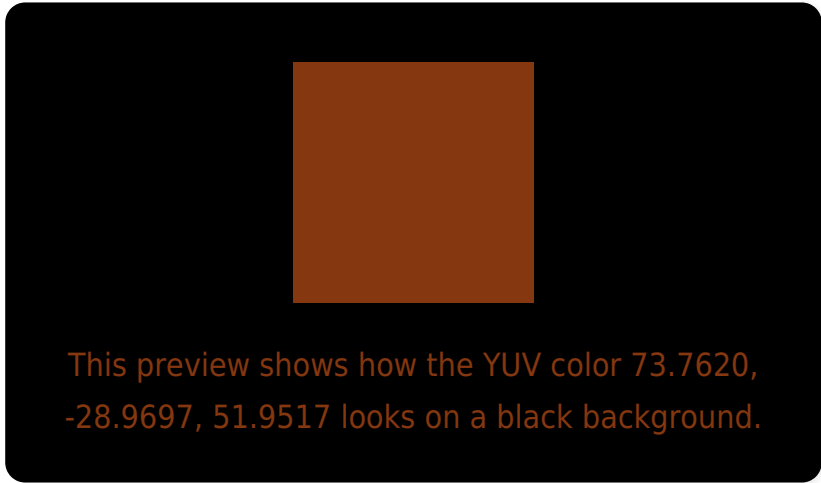
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

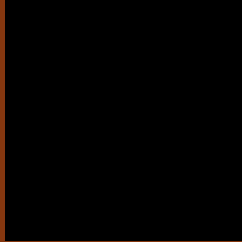
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.7620, -28.9697, 51.9517

Background



This preview shows how black text looks on a background with the YUV color 73.7620, -28.9697, 51.9517.



This preview shows how white text looks on a background with the YUV color 73.7620, -28.9697,

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

73.7620, -28.9697, 51.9517

Protanopia

75.9650, -27.0977, 11.4317

Deuteranopia

74.8110, -36.8818, 22.9678



Tritanopia

76.2730, -10.4876, 50.6266

Trichromacy



Original Color

73.7620, -28.9697, 51.9517

Protanomaly

75.2380, -27.7253, 26.1013

Deuteranomaly

74.2730, -34.1516, 33.9636

Tritanomaly

75.1500, -17.3289, 51.6115

Monochromacy



Original Color

73.7620, -28.9697, 51.9517

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7760, -10.2426, 18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7620, -28.9697, 51.9517 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(133, 55, 15)` looks like.

```
.text, #text, p{  
    color:rgb(133, 55, 15)  
}
```

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(133, 55, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 55, 15) }
```

Border

The CSS property to change the border of an element to YUV 73.7620, -28.9697, 51.9517 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(133, 55, 15) }
```


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

```
.border{ border-color:rgb(133, 55, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 55, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 55, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 55, 15);  
box-shadow:4px 4px 4px 4px rgb(133, 55,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 73.7620, -28.9697, 51.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 55, 15) }
```

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

```
.background{ background-color: rgb(133, 55,  
15) }
```

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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