

Converting Colors

YUV(72.6740, -12.1643,
28.3499)

Have a look what the booklet for
YUV(72.6740, -12.1643, 28.3499)
contains.

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Color

**YUV(72.6740, -12.1643,
28.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	693D30
RGB	105, 61, 48
RGB Percent	41%, 24%, 19%
CMY	0.5882, 0.7608, 0.8118
CMYK	0.00, 0.42, 0.54, 0.59
HSL	14°, 37%, 30%
HSV	14°, 54%, 41%
XYZ	8.0279, 6.5541, 3.6383
YIQ	72.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

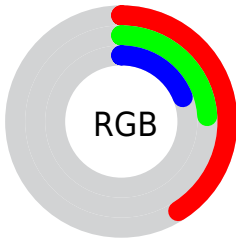
Format	Color
RYB	105, 65, 48
Decimal	6896944
CIELab	30.77, 17.78, 16.22
CIELCh	31, 24.070, 42.364
Yxy	6.5541, 0.4406, 0.3597
Android (android.graphics.Color)	4285087024 (0xFF693D30)
YUV	72.6740, -12.1643, 28.3499
Hunter-Lab	25.6011, 11.1719, 9.4948

Details

The YUV color **72.6740, -12.1643, 28.3499** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **80.3260, 12.1643, -28.3499**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2400, -13.9223, 32.2385**, and **26.5380, -12.5902, 24.9612** is the 20% darker color. If you saturate the color by 10%, you get **66.8380, -14.2171, 33.4681**, and if you desaturate by 10%, it is **78.6240, -9.6746, 23.1318**.

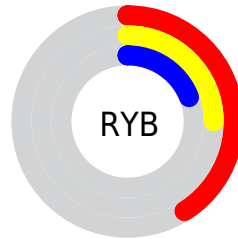
Distribution



Red (41%)

Green (24%)

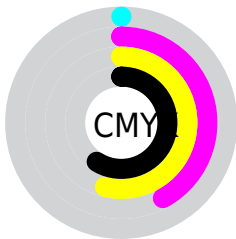
Blue (19%)



Red (41%)

Yellow (25%)

Blue (19%)

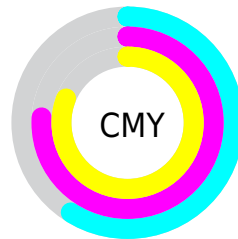


Cyan (0%)

Magenta (42%)

Yellow (54%)

Black (59%)



Cyan (59%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6740, -12.1643, 28.3499 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 72.6740, -12.1643, 28.3499 by changing the saturation by 10% instead.

■ 72.6740, -12.1643,
28.3499

■ 72.6740, -12.1643,
28.3499

■ 255.0000, 0.0000,
0.0000

■ 49.5920, -11.1379,
25.7908

■ 122.2400,
-13.9223, 32.2385

■ 26.5380, -12.5902,
24.9612

■ 147.8380,
-14.2171, 33.4681

■ 9.8670, -4.8644,
20.2876

■ 175.3220,
-14.9487, 34.7976

■ 0.0000, 0.0000,
0.0000

■ 202.8060,
-15.6804, 36.1271

■ 225.6090,
-13.6112, 25.7759

■ 245.2370, -9.4838,

8.5622

■ 72.6740, -12.1643,
28.3499

■ 72.6740, -12.1643,
28.3499

■ 66.8380, -14.2171,
33.4681

■ 78.6240, -9.6746,
23.1318

■ 60.8880, -16.7068,
38.6862

■ 84.4600, -7.6218,
18.0136

■ 55.0520, -18.7596,
43.8044

■ 90.2960, -5.5689,
12.8954

■ 49.1020, -21.2493,
49.0225

■ 96.2460, -3.0793,
7.6773

■ 45.4830, -22.4231,
52.1964

■ 102.7830, -0.8790,
1.9443

■ 108.6190, 1.1738,
-3.1739

■ 114.4550, 3.2267,
-8.2920

■ 120.4050, 5.7163,
-13.5102

■ 126.3550, 8.2060,
-18.7283

Harmonies

Analogous

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



73.1610, -4.0234, 30.5538



72.6740, -12.1643, 28.3499



71.6530, -17.0839, 19.5983

Triad

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



72.6740, -12.1643, 28.3499



63.3570, -1.6550, -29.2541



71.7330, 18.3726, -12.9208

Complementary

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



72.6740, -12.1643, 28.3499



80.3260, 12.1643, -28.3499

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.



61.9960, 22.6800, -41.2155



72.6740, -12.1643, 28.3499



57.2540, 11.2138, -50.2118

Square

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



72.6740, -12.1643, 28.3499



68.1330, -11.8976, -10.6406



58.6050, 18.9287, -51.3966



74.6710, 12.4872, 8.1815

Rectangle

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



72.6740, -12.1643, 28.3499



70.9570, -18.2198, 10.5617



58.6050, 18.9287, -51.3966



69.4330, 19.9995, -21.4277

Sweetspot

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



72.6740, -12.1643, 28.3499



125.5130, -4.6899, 10.9511



70.1730, 11.2537, 30.5433



61.6480, -2.7845, 6.4477



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



72.6740, -12.1643, 28.3499



87.2370, -19.3438, 44.5192



89.1100, -20.2672, 13.9355



50.3810, -1.1738, 3.1739



50.8320, -25.0602, 58.0293



106.1270, -52.3206, 121.7916

Inverse Universe

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



80.3260, 12.1643, -28.3499



98.7630, 19.3438, -44.5192



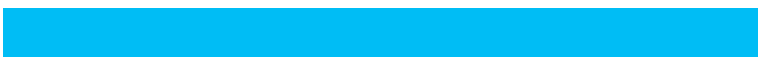
63.8900, 20.2672, -13.9355



51.0320, 1.4632, -2.6591



66.7550, 24.7708, -58.5441



138.8730, 52.3206, -121.7916

Previews

White Background



This preview shows how the YUV color 72.6740, -12.1643, 28.3499 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 72.6740, -12.1643, 28.3499 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 72.6740, -12.1643, 28.3499

Background



This preview shows how black text looks on a background with the YUV color 72.6740, -12.1643, 28.3499.

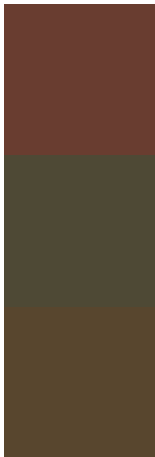


This preview shows how white text looks on a background with the YUV color 72.6740, -12.1643,

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

72.6740, -12.1643, 28.3499

Protanopia

72.2150, -9.4730, 5.0734

Deuteranopia

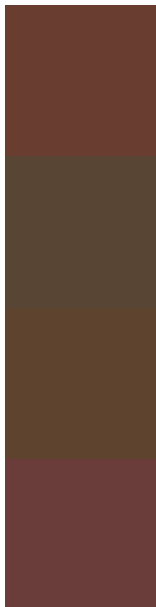
72.6460, -13.1365, 13.4655



Tritanopia

73.5090, -5.1809, 28.4946

Trichromacy



Original Color

72.6740, -12.1643, 28.3499

Protanomaly

72.6290, -10.6631, 13.4804

Deuteranomaly

72.7930, -12.7159, 18.5985

Tritanomaly

73.5260, -7.6543, 28.4797

Monochromacy



Original Color

72.6740, -12.1643, 28.3499

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2140, -4.5425, 10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6740, -12.1643, 28.3499 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(105, 61, 48)` looks like.

```
.text, #text, p{  
    color:rgb(105, 61, 48)  
}
```

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(105, 61, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 61, 48) }
```

Border

The CSS property to change the border of an element to YUV 72.6740, -12.1643, 28.3499 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(105, 61, 48) }
```


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

```
.border{ border-color:rgb(105, 61, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 61, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 61, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 61, 48);  
box-shadow:4px 4px 4px 4px rgb(105, 61,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 72.6740, -12.1643, 28.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 61, 48) }
```

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

```
.background{ background-color: rgb(105, 61,  
48) }
```

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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