

Converting Colors

YUV(72.8690, -28.0364,
32.5639)

Have a look what the booklet for
YUV(72.8690, -28.0364, 32.5639)
contains.

YUV(72.8690, -28.0364, 32.5639)	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(72.8690, -28.0364,
32.5639)**

Conversions

Conversions Part 1

Format	Color
Hex	6E4110
RGB	110, 65, 16
RGB Percent	43%, 25%, 6%
CMY	0.5686, 0.7451, 0.9373
CMYK	0.00, 0.41, 0.85, 0.57
HSL	31°, 75%, 25%
HSV	31°, 85%, 43%
XYZ	8.4142, 7.1330, 1.4235
YIQ	72.8690, 42.5490, -5.6990

Conversions

Conversions Part 2

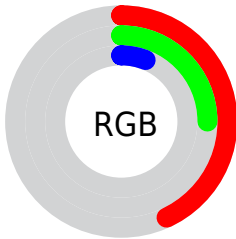
Format	Color
R_{YB}	102, 110, 16
Decimal	7225616
CIE Lab	32.11, 15.48, 35.83
CIE LCh	32, 39.030, 66.633
Yxy	7.1330, 0.4958, 0.4203
Android (android.graphics.Color)	4285415696 (0xFF6E4110)
YUV	72.8690, -28.0364, 32.5639
Hunter-Lab	26.7077, 9.4978, 15.5352

Details

The YUV color **72.8690, -28.0364, 32.5639** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **53.1310, 28.0364, -32.5639**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1470, -29.6525, 37.5821**, and **29.9570, -14.7688, 23.7167** is the 20% darker color. If you saturate the color by 10%, you get **68.6800, -31.3942, 36.2376**, and if you desaturate by 10%, it is **77.0580, -24.6786, 28.8901**.

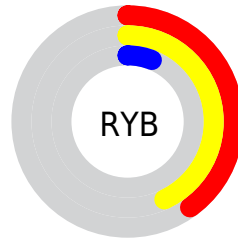
Distribution



Red (43%)

Green (25%)

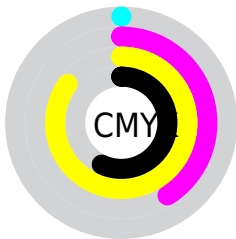
Blue (6%)



Red (40%)

Yellow (43%)

Blue (6%)

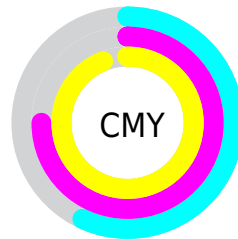


Cyan (0%)

Magenta (41%)

Yellow (85%)

Black (57%)



Cyan (57%)

Magenta (75%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8690, -28.0364, 32.5639 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 72.8690, -28.0364, 32.5639 by changing the saturation by 10% instead.

72.8690, -28.0364,
32.5639

72.8690, -28.0364,
32.5639

254.3160, -2.6208,
0.5999

50.3570, -24.8260,
29.5049

123.1470,
-29.6525, 37.5821

29.9570, -14.7688,
23.7167

149.5170,
-30.8209, 39.0116

10.1660, -5.0118,
20.9024

176.5990,
-31.8473, 41.5707

0.0000, 0.0000,
0.0000

204.0830,
-32.5789, 42.9002

224.0810,
-29.6199, 27.1160

244.2960,

-25.7819, 9.3874

■ 251.0100,
-15.2879, 3.4992

■ 72.8690, -28.0364,
32.5639

■ 72.8690, -28.0364,
32.5639

■ 68.6800, -31.3942,
36.2376

■ 77.0580, -24.6786,
28.8901

■ 66.3490, -32.7101,
38.2819

■ 81.8340, -21.6102,
24.7016

■ 86.0230, -18.2523,
21.0278

■ 90.2120, -14.8945,
17.3541

■ 94.4010, -11.5367,
13.6803

■ 99.1770, -8.4683,
9.4918

■ 103.3660, -5.1104,
5.8180

■ 107.5550, -1.7526,
2.1443

■ 111.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



73.1710, -15.8603, 47.2080



72.8690, -28.0364, 32.5639



70.5970, -32.3393, 12.6314

Triad

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



72.8690, -28.0364, 32.5639



62.1780, 9.7722, -54.5301



77.2330, 23.5491, 6.8117

Complementary

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



72.8690, -28.0364, 32.5639



53.1310, 28.0364, -32.5639

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.



63.2090, 36.3790, -48.4183



72.8690, -28.0364, 32.5639



64.8970, 22.7288, -56.9147

Square

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



72.8690, -28.0364, 32.5639



57.3560, -3.6265, -50.3012



64.9430, 33.0591, -56.9550



76.6190, 11.5268, 36.2911

Rectangle

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



72.8690, -28.0364, 32.5639



68.8660, -27.0489, -4.2675



64.9430, 33.0591, -56.9550



76.0680, 27.0815, -6.1986

Sweetspot

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



72.8690, -28.0364, 32.5639



128.2160, -10.9525, 12.9656



49.2360, 5.7997, 53.2900



62.6220, -6.7156, 7.3475



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



72.8690, -28.0364, 32.5639



86.1950, -42.4941, 49.8180



98.6860, -40.7642, 8.1684



53.5550, -1.7526, 2.1443



72.2740, -35.6311, 41.8557



149.5760, -73.7410, 85.4408

Inverse Universe

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



53.1310, 28.0364, -32.5639



56.2180, 42.7835, -49.3032



27.3140, 40.7642, -8.1684



52.4450, 1.7526, -2.1443



47.1390, 35.9205, -41.3409



97.4240, 73.7410, -85.4408

Previews

White Background



This preview shows how the YUV color 72.8690, -28.0364, 32.5639 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 72.8690, -28.0364, 32.5639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

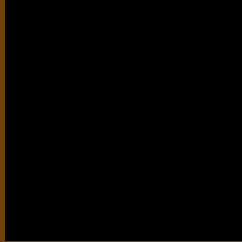
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8690, -28.0364, 32.5639

Background



This preview shows how black text looks on a background with the YUV color 72.8690, -28.0364, 32.5639.



This preview shows how white text looks on a background with the YUV color 72.8690, -28.0364,

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

72.8690, -28.0364, 32.5639

Protanopia

72.4920, -26.3716, 11.8465

Deuteranopia

72.3360, -29.7456, 20.7533



Tritanopia

76.7050, -5.7706, 30.9537

Trichromacy



Original Color

72.8690, -28.0364, 32.5639

Protanomaly

72.7210, -26.9775, 19.5387

Deuteranomaly

72.1840, -29.1777, 25.2716

Tritanomaly

74.9410, -13.7749, 31.6237

Monochromacy



Original Color

72.8690, -28.0364, 32.5639

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7320, -10.2209, 11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8690, -28.0364, 32.5639 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(110, 65, 16)` looks like.

```
.text, #text, p{  
    color:rgb(110, 65, 16)  
}
```

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(110, 65, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 65, 16) }
```

Border

The CSS property to change the border of an element to YUV 72.8690, -28.0364, 32.5639 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(110, 65, 16) }
```


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

```
.border{ border-color:rgb(110, 65, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 65, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 65, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 65, 16);  
box-shadow:4px 4px 4px 4px rgb(110, 65,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 72.8690, -28.0364, 32.5639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 65, 16) }
```

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

```
.background{ background-color: rgb(110, 65,  
16) }
```

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