

Converting Colors

YUV(75.3690, -29.7619,
25.9864)

Have a look what the booklet for
YUV(75.3690, -29.7619, 25.9864)
contains.

YUV(75.3690, -29.7619, 25.9864)	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(75.3690, -29.7619,
25.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	69480F
RGB	105, 72, 15
RGB Percent	41%, 28%, 6%
CMY	0.5882, 0.7176, 0.9412
CMYK	0.00, 0.31, 0.86, 0.59
HSL	38°, 75%, 24%
HSV	38°, 86%, 41%
XYZ	8.2293, 7.6725, 1.4991
YIQ	75.3690, 37.9650, -10.7310

Conversions

Conversions Part 2

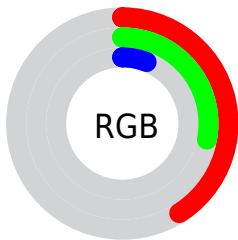
Format	Color
R_{YB}	67, 105, 15
Decimal	6899727
CIE Lab	33.29, 8.73, 37.05
CIE LCh	33, 38.065, 76.735
Yxy	7.6725, 0.4729, 0.4409
Android (android.graphics.Color)	4285089807 (0xFF69480F)
YUV	75.3690, -29.7619, 25.9864
Hunter-Lab	27.6992, 4.5577, 16.1806

Details

The YUV color **75.3690, -29.7619, 25.9864** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **44.6310, 29.7619, -25.9864**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4620, -30.7938, 30.2898**, and **32.8700, -16.2049, 17.6540** is the 20% darker color. If you saturate the color by 10%, you get **71.8810, -32.9723, 29.0454**, and if you desaturate by 10%, it is **78.9710, -26.1147, 22.8274**.

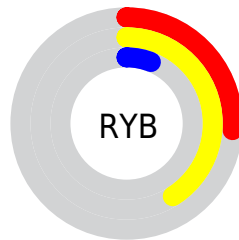
Distribution



Red (41%)

Green (28%)

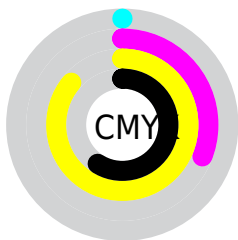
Blue (6%)



Red (26%)

Yellow (41%)

Blue (6%)

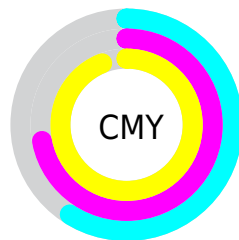


Cyan (0%)

Magenta (31%)

Yellow (86%)

Black (59%)



Cyan (59%)


Magenta (72%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 75.3690, -29.7619, 25.9864 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 75.3690, -29.7619, 25.9864 by changing the saturation by 10% instead.


 75.3690, -29.7619,
25.9864


 75.3690, -29.7619,
25.9864


 254.3160, -2.6208,
0.5999


 52.9710, -26.1147,
22.8274

 125.4620,
-30.7938, 30.2898

 32.8700, -16.2049,
17.6540


 151.8320,
-31.9622, 31.7193

 11.6060, -5.7218,
15.2545

 179.2020,
-33.1306, 33.1488


 0.0000, 0.0000,
0.0000


 206.6860,
-33.8622, 34.4784


 228.8910,
-31.4983, 22.8976


 247.8180,


-27.5183, 6.2986


 251.0100,
-15.2879, 3.4992


 75.3690, -29.7619,
25.9864


 75.3690, -29.7619,
25.9864


 71.8810, -32.9723,
29.0454


 78.9710, -26.1147,
22.8274

 70.1370, -34.5775,
30.5749

 82.4590, -22.9043,
19.7685

 86.0610, -19.2571,
16.6095

 88.9620, -15.7573,
14.0653

 92.5640, -12.1101,
10.9064

■ 96.0520, -8.8996,
7.8474

■ 99.6540, -5.2524,
4.6884

■ 103.1420, -2.0420,
1.6295

■ 106.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



76.5850, -20.5014, 42.4600



75.3690, -29.7619, 25.9864



73.0520, -29.1126, 4.3394

Triad

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



75.3690, -29.7619, 25.9864



65.4210, 14.5824, -57.3742



80.8600, 19.2960, 17.6628

Complementary

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



75.3690, -29.7619, 25.9864



44.6310, 29.7619, -25.9864

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.



75.9630, 29.5982, -20.1386



75.3690, -29.7619, 25.9864



67.3250, 26.9548, -59.0440

Square

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



75.3690, -29.7619, 25.9864



61.1860, 0.8943, -53.6601



65.5130, 35.2431, -57.4549



78.8000, 7.0006, 41.3944

Rectangle

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



75.3690, -29.7619, 25.9864



70.7770, -22.0751, -12.9594



65.5130, 35.2431, -57.4549



80.1190, 23.1123, 6.9116

Sweetspot

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



75.3690, -29.7619, 25.9864



126.2650, -11.9626, 10.2916



45.6720, 1.1477, 52.0307



61.9100, -6.8576, 6.2179



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.



75.3690, -29.7619, 25.9864



92.3310, -45.5192, 40.0517



91.1520, -37.5429, 1.6207



52.1420, -2.0420, 1.6295



78.4210, -38.6616, 33.8338



164.2400, -80.9703, 70.8265

Inverse Universe

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



44.6310, 29.7619, -25.9864



45.0820, 45.8086, -39.5369



28.8480, 37.5429, -1.6207



49.8580, 2.0420, -1.6295



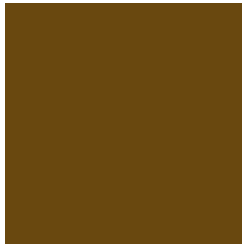
38.5790, 38.6616, -33.8338



80.7600, 80.9703, -70.8265

Previews

White Background



This preview shows how the YUV color 75.3690, -29.7619, 25.9864 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 75.3690, -29.7619, 25.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

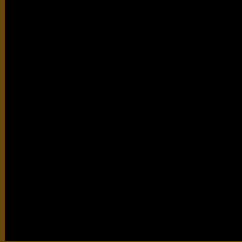
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3690, -29.7619, 25.9864

Background



This preview shows how black text looks on a background with the YUV color 75.3690, -29.7619, 25.9864.



This preview shows how white text looks on a background with the YUV color 75.3690, -29.7619,

25.9864.

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

75.3690, -29.7619, 25.9864

Protanopia

74.9220, -28.5555, 12.3464

Deuteranopia

75.1080, -30.6192, 20.9533



Tritanopia

79.8290, -3.8597, 24.7060

Trichromacy



Original Color

75.3690, -29.7619, 25.9864

Protanomaly

74.8410, -29.0086, 17.6794

Deuteranomaly

75.2330, -30.1879, 22.5977

Tritanomaly

78.3100, -13.4638, 25.1611

Monochromacy



Original Color

75.3690, -29.7619, 25.9864

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1940, -10.9416, 9.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3690, -29.7619, 25.9864 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, 72, 15)` looks like.

```
.text, #text, p{  
    color:rgb(105, 72, 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(105, 72, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 72, 15) }
```

Border

The CSS property to change the border of an element to YUV 75.3690, -29.7619, 25.9864 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, 72, 15) }
```


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

```
.border{ border-color:rgb(105, 72, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 72, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 72, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 72, 15);  
box-shadow:4px 4px 4px 4px rgb(105, 72,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 75.3690, -29.7619, 25.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 72, 15) }
```

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

```
.background{ background-color: rgb(105, 72,  
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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