

Converting Colors

YUV(71.5050, -29.3360,
29.3751)

Have a look what the booklet for
YUV(71.5050, -29.3360, 29.3751)
contains.

YUV(71.5050, -29.3360, 29.3751)	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(71.5050, -29.3360,
29.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	69420C
RGB	105, 66, 12
RGB Percent	41%, 26%, 5%
CMY	0.5882, 0.7412, 0.9529
CMYK	0.00, 0.37, 0.89, 0.59
HSL	35°, 79%, 23%
HSV	35°, 89%, 41%
XYZ	7.8403, 6.9262, 1.2715
YIQ	71.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

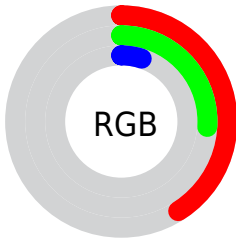
Format	Color
R_{YB}	79, 105, 12
Decimal	6898188
CIE _{Lab}	31.64, 12.32, 36.76
CIE _{LCh}	32, 38.769, 71.476
Yxy	6.9262, 0.4889, 0.4319
Android (android.graphics.Color)	4285088268 (0xFF69420C)
YUV	71.5050, -29.3360, 29.3751
Hunter-Lab	26.3177, 7.1206, 15.5579

Details

The YUV color **71.5050, -29.3360, 29.3751** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **45.4950, 29.3360, -29.3751**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5980, -30.3678, 33.6786**, and **29.3480, -14.4686, 20.7428** is the 20% darker color. If you saturate the color by 10%, you get **68.0170, -32.5464, 32.4341**, and if you desaturate by 10%, it is **75.1070, -25.6888, 26.2162**.

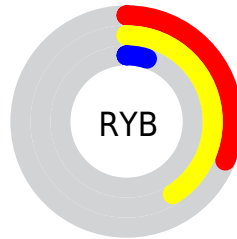
Distribution



Red (41%)

Green (26%)

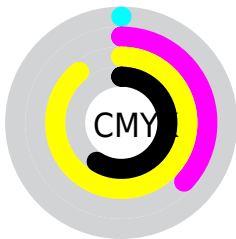
Blue (5%)



Red (31%)

Yellow (41%)

Blue (5%)

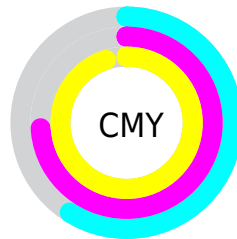


Cyan (0%)

Magenta (37%)

Yellow (89%)

Black (59%)



Cyan (59%)

Magenta (74%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5050, -29.3360, 29.3751 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 71.5050, -29.3360, 29.3751 by changing the saturation by 10% instead.

71.5050, -29.3360,
29.3751

71.5050, -29.3360,
29.3751

253.8600, -4.3680,
0.9998

49.4490, -24.3784,
25.9162

121.5980,
-30.3678, 33.6786

29.3480, -14.4686,
20.7428

147.6800,
-31.3942, 36.2376

8.6710, -4.2748,
17.8285

175.0500,
-32.5626, 37.6672

0.0000, 0.0000,
0.0000

202.5340,
-33.2943, 38.9967

224.3260,
-31.2197, 26.9011

243.8400,

-27.5291, 9.7873

■ 250.5540,
-17.0351, 3.8991

■ 71.5050, -29.3360,
29.3751

■ 71.5050, -29.3360,
29.3751

■ 68.0170, -32.5464,
32.4341

■ 75.1070, -25.6888,
26.2162

■ 67.2020, -33.1306,
33.1488

■ 79.1820, -22.7677,
22.6424

■ 82.6700, -19.5573,
19.5834

■ 86.8590, -16.1995,
15.9097

■ 90.4610, -12.5523,
12.7507

■ 93.9490, -9.3419,
9.6917

■ 98.1380, -5.9840,
6.0180

■ 101.6260, -2.7736,
2.9590

■ 105.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



71.8780, -18.1809, 44.8340



71.5050, -29.3360, 29.3751



69.3900, -31.7443, 8.4280

Triad

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



71.5050, -29.3360, 29.3751



62.0470, 11.8088, -54.4152



76.6960, 21.3489, 12.5446

Complementary

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



71.5050, -29.3360, 29.3751



45.4950, 29.3360, -29.3751

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.



68.2820, 32.3990, -31.8193



71.5050, -29.3360, 29.3751



64.6520, 24.3286, -56.6998

Square

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



71.5050, -29.3360, 29.3751



57.8120, -1.8793, -50.7011



63.7690, 33.6379, -55.9254



75.0600, 9.3374, 38.5354

Rectangle

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



71.5050, -29.3360, 29.3751



67.4140, -24.8541, -8.2561



63.7690, 33.6379, -55.9254



75.9440, 25.1706, 0.0491

Sweetspot

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



71.5050, -29.3360, 29.3751



124.3900, -11.5313, 11.9360



44.3670, 3.7631, 53.1751



61.2090, -7.0050, 6.8327



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.



71.5050, -29.3360, 29.3751



88.2220, -43.4934, 43.6553



92.6040, -39.7378, 5.6093



51.5550, -1.7526, 2.1443



74.8990, -36.9252, 36.9226



156.6090, -77.2082, 77.5189

Inverse Universe

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



45.4950, 29.3360, -29.3751



49.7780, 43.4934, -43.6553



24.3960, 39.7378, -5.6093



49.8580, 2.0420, -1.6295



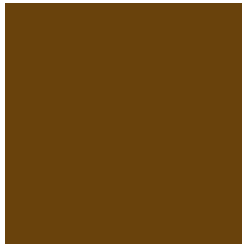
42.1010, 36.9252, -36.9226



88.3910, 77.2082, -77.5189

Previews

White Background



This preview shows how the YUV color 71.5050, -29.3360, 29.3751 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 71.5050, -29.3360, 29.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

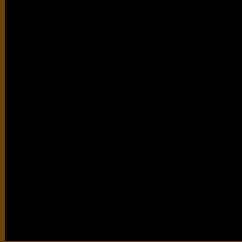
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5050, -29.3360, 29.3751

Background



This preview shows how black text looks on a background with the YUV color 71.5050, -29.3360, 29.3751.



This preview shows how white text looks on a background with the YUV color 71.5050, -29.3360,

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

71.5050, -29.3360, 29.3751

Protanopia

70.8510, -27.5345, 11.5317

Deuteranopia

70.8800, -31.4928, 21.1532



Tritanopia

75.6230, -4.7441, 28.3946

Trichromacy



Original Color

71.5050, -29.3360, 29.3751

Protanomaly

71.3680, -28.2824, 18.0943

Deuteranomaly

71.1300, -30.6301, 24.4420

Tritanomaly

74.2180, -13.9115, 28.7498

Monochromacy



Original Color

71.5050, -29.3360, 29.3751

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9060, -10.7997, 10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5050, -29.3360, 29.3751 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, 66, 12)` looks like.

```
.text, #text, p{  
    color:rgb(105, 66, 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(105, 66, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 66, 12) }
```

Border

The CSS property to change the border of an element to YUV 71.5050, -29.3360, 29.3751 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, 66, 12) }
```


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

```
.border{ border-color:rgb(105, 66, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 66, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 66, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 66, 12);  
box-shadow:4px 4px 4px 4px rgb(105, 66,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 71.5050, -29.3360, 29.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 66, 12) }
```

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

```
.background{ background-color: rgb(105, 66,  
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](#).

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