

Converting Colors

YUV(71.9400, -29.0574,
33.3786)

Have a look what the booklet for
YUV(71.9400, -29.0574, 33.3786)
contains.

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Color

**YUV(71.9400, -29.0574,
33.3786)**

Conversions

Conversions Part 1

Format	Color
Hex	6E400D
RGB	110, 64, 13
RGB Percent	43%, 25%, 5%
CMY	0.5686, 0.7490, 0.9490
CMYK	0.00, 0.42, 0.88, 0.57
HSL	32°, 79%, 24%
HSV	32°, 88%, 43%
XYZ	8.3364, 7.0108, 1.2946
YIQ	71.9400, 43.7870, -6.1090

Conversions

Conversions Part 2

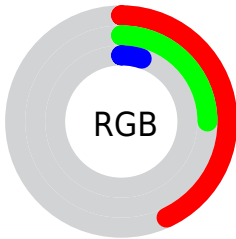
Format	Color
R_{YB}	100, 110, 13
Decimal	7225357
CIE Lab	31.83, 15.98, 36.82
CIE LCh	32, 40.139, 66.537
Yxy	7.0108, 0.5009, 0.4213
Android (android.graphics.Color)	4285415437 (0xFF6E400D)
YUV	71.9400, -29.0574, 33.3786
Hunter-Lab	26.4780, 9.8632, 15.6357

Details

The YUV color **71.9400, -29.0574, 33.3786** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.0600, 29.0574, -33.3786**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2180, -30.6735, 38.3968**, and **29.3700, -14.4794, 24.2315** is the 20% darker color. If you saturate the color by 10%, you get **67.7510, -32.4152, 37.0524**, and if you desaturate by 10%, it is **76.1290, -25.6996, 29.7049**.

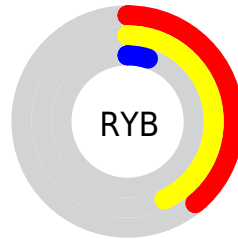
Distribution



Red (43%)

Green (25%)

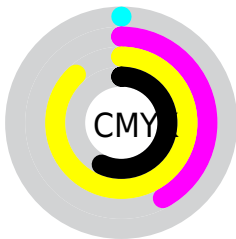
Blue (5%)



Red (39%)

Yellow (43%)

Blue (5%)

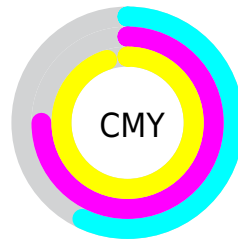


Cyan (0%)

Magenta (42%)

Yellow (88%)

Black (57%)



Cyan (57%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9400, -29.0574, 33.3786 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 71.9400, -29.0574, 33.3786 by changing the saturation by 10% instead.

71.9400, -29.0574,
33.3786

71.9400, -29.0574,
33.3786

253.9740, -3.9312,
0.8998

49.7700, -24.5366,
30.0197

122.2180,
-30.6735, 38.3968

29.3700, -14.4794,
24.2315

148.3000,
-31.6999, 40.9559

10.1660, -5.0118,
20.9024

175.6700,
-32.8683, 42.3854

0.0000, 0.0000,
0.0000

203.4530,
-33.7473, 44.3297

223.2660,
-30.2041, 27.8307

242.7800,

-26.5135, 10.7169

■ 250.6680,
-16.5983, 3.7992

■ 71.9400, -29.0574,
33.3786

■ 71.9400, -29.0574,
33.3786

■ 67.7510, -32.4152,
37.0524

■ 76.1290, -25.6996,
29.7049

■ 66.9360, -32.9994,
37.7671

■ 80.3180, -22.3418,
26.0311

■ 85.0940, -19.2733,
21.8426

■ 89.2830, -15.9155,
18.1688

■ 93.4720, -12.5577,
14.4951

■ 97.6610, -9.1999,
10.8213

■ 102.4370, -6.1314,
6.6328

■ 106.6260, -2.7736,
2.9590

■ 110.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



72.3560, -16.4445, 47.9228



71.9400, -29.0574, 33.3786



69.8420, -33.9391, 12.4166

Triad

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



71.9400, -29.0574, 33.3786



62.0640, 9.3354, -54.4301



76.7600, 24.2753, 7.2265

Complementary

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



71.9400, -29.0574, 33.3786



51.0600, 29.0574, -33.3786

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.



60.3440, 38.2844, -52.9217



71.9400, -29.0574, 33.3786



65.0110, 23.1656, -57.0146

Square

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



71.9400, -29.0574, 33.3786



57.1280, -4.5001, -50.1013



65.0570, 33.4959, -57.0550



75.5590, 12.5424, 37.2208

Rectangle

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



71.9400, -29.0574, 33.3786



67.5240, -28.3593, -3.9675



65.0570, 33.4959, -57.0550



75.2960, 27.9551, -6.3986

Sweetspot

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



71.9400, -29.0574, 33.3786



128.2160, -10.9525, 12.9656



47.3610, 6.2310, 54.9344



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.



71.9400, -29.0574, 33.3786



86.7820, -42.7835, 49.3032



98.3440, -42.0746, 8.4683



53.5550, -1.7526, 2.1443



72.8610, -35.9205, 41.3409



150.1630, -74.0304, 84.9260

Inverse Universe

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



51.0600, 29.0574, -33.3786



56.2180, 42.7835, -49.3032



24.6560, 42.0746, -8.4683



52.4450, 1.7526, -2.1443



47.1390, 35.9205, -41.3409



96.8370, 74.0304, -84.9260

Previews

White Background



This preview shows how the YUV color 71.9400, -29.0574, 33.3786 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 71.9400, -29.0574, 33.3786 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 71.9400, -29.0574, 33.3786

Background



This preview shows how black text looks on a background with the YUV color 71.9400, -29.0574, 33.3786.



This preview shows how white text looks on a background with the YUV color 71.9400, -29.0574,

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

71.9400, -29.0574, 33.3786

Protanopia

71.8510, -27.5345, 11.5317

Deuteranopia

71.3530, -32.2190, 20.7384



Tritanopia

76.0040, -5.9180, 31.5685

Trichromacy



Original Color

71.9400, -29.0574, 33.3786

Protanomaly

72.0800, -28.1404, 19.2238

Deuteranomaly

71.4290, -30.7775, 25.0568

Tritanomaly

74.1260, -14.3591, 32.3385

Monochromacy



Original Color

71.9400, -29.0574, 33.3786

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0310, -10.3683, 12.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9400, -29.0574, 33.3786 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, 64, 13)` looks like.

```
.text, #text, p{  
  color:rgb(110, 64, 13)  
}
```

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, 64, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 64, 13) }
```

Border

The CSS property to change the border of an element to YUV 71.9400, -29.0574, 33.3786 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, 64, 13) }
```


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

```
.border{ border-color:rgb(110, 64, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 64, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 64, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 64, 13);  
box-shadow:4px 4px 4px 4px rgb(110, 64,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 71.9400, -29.0574, 33.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 64, 13) }
```

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

```
.background{ background-color: rgb(110, 64,  
13) }
```

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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