

Converting Colors

YUV(71.4180, -27.3211,
36.4674)

Have a look what the booklet for
YUV(71.4180, -27.3211, 36.4674)
contains.

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Color

**YUV(71.4180, -27.3211,
36.4674)**

Conversions

Conversions Part 1

Format	Color
Hex	713D10
RGB	113, 61, 16
RGB Percent	44%, 24%, 6%
CMY	0.5569, 0.7608, 0.9373
CMYK	0.00, 0.46, 0.86, 0.56
HSL	28°, 75%, 25%
HSV	28°, 86%, 44%
XYZ	8.5723, 6.8856, 1.3675
YIQ	71.4180, 45.4370, -2.9710

Conversions

Conversions Part 2

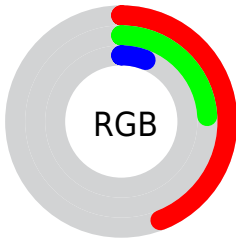
Format	Color
R_{YB}	113, 100, 16
Decimal	7421200
CIE _{Lab}	31.55, 19.29, 35.49
CIE _{LCh}	32, 40.391, 61.468
Yxy	6.8856, 0.5095, 0.4092
Android (android.graphics.Color)	4285611280 (0xFF713D10)
YUV	71.4180, -27.3211, 36.4674
Hunter-Lab	26.2404, 12.3922, 15.2786

Details

The YUV color **71.4180, -27.3211, 36.4674** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **57.5820, 27.3211, -36.4674**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5820, -29.3739, 41.5856**, and **27.6200, -13.6167, 27.5203** is the 20% darker color. If you saturate the color by 10%, you get **66.6420, -30.3895, 40.6560**, and if you desaturate by 10%, it is **76.1940, -24.2526, 32.2789**.

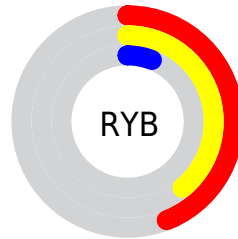
Distribution



Red (44%)

Green (24%)

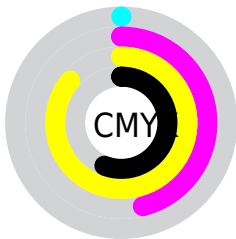
Blue (6%)



Red (44%)

Yellow (39%)

Blue (6%)

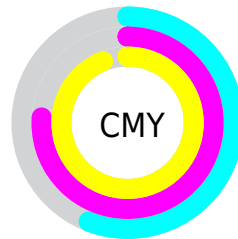


Cyan (0%)

Magenta (46%)

Yellow (86%)

Black (56%)



Cyan (56%)

Magenta (76%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4180, -27.3211, 36.4674 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 71.4180, -27.3211, 36.4674 by changing the saturation by 10% instead.

71.4180, -27.3211,
36.4674

71.4180, -27.3211,
36.4674

254.2020, -3.0576,
0.6998

48.6070, -23.9633,
32.7937

121.5820,
-29.3739, 41.5856

27.6200, -13.6167,
27.5203

147.6640,
-30.4004, 44.1447

10.7640, -5.3067,
22.1320

175.3330,
-31.7162, 46.1890

0.0000, 0.0000,
0.0000

202.2190,
-32.1530, 46.2889

221.7330,
-28.4624, 29.1752

241.2470,

-24.7718, 12.0614

■ 250.8960,
-15.7247, 3.5992

■ 71.4180, -27.3211,
36.4674

■ 71.4180, -27.3211,
36.4674

■ 66.6420, -30.3895,
40.6560

■ 76.1940, -24.2526,
32.2789

■ 64.3110, -31.7053,
42.7003

■ 81.0840, -20.7474,
27.9903

■ 85.8600, -17.6790,
23.8018

■ 90.6360, -14.6105,
19.6132

■ 95.5260, -11.1053,
15.3247

■ 100.3020, -8.0369,
11.1361

■ 105.0780, -4.9685,
6.9476

■ 109.8540, -1.9000,
2.7590

■ 115.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



71.3500, -13.9765, 49.6821



71.4180, -27.3211, 36.4674



69.1630, -34.0974, 16.5200

Triad

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



71.4180, -27.3211, 36.4674



60.7930, 7.0041, -53.3155



75.5850, 26.3336, 0.3640

Complementary

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



71.4180, -27.3211, 36.4674



57.5820, 27.3211, -36.4674

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.



60.9310, 37.9950, -53.4365



71.4180, -27.3211, 36.4674



64.3270, 20.5448, -56.4148

Square

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



71.4180, -27.3211, 36.4674



55.8570, -6.8315, -48.9866



64.7150, 32.1855, -56.7551



75.6940, 14.4479, 32.7174

Rectangle

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



71.4180, -27.3211, 36.4674



67.2750, -30.7016, 0.6358



64.7150, 32.1855, -56.7551



72.9960, 29.5820, -14.9055

Sweetspot

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



71.4180, -27.3211, 36.4674



131.2270, -10.9579, 14.7099



51.0450, 8.8518, 54.3345



64.3340, -6.5737, 8.4771



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



71.4180, -27.3211, 36.4674



84.7550, -41.7842, 55.4659



99.0070, -40.9225, 12.2719



53.5550, -1.7526, 2.1443



68.7520, -33.8947, 44.9445



141.3580, -69.6895, 92.6480

Inverse Universe

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



57.5820, 27.3211, -36.4674



63.2450, 41.7842, -55.4659



29.9930, 40.9225, -12.2719



52.4450, 1.7526, -2.1443



51.2480, 33.8947, -44.9445



106.2290, 69.4001, -93.1628

Previews

White Background



This preview shows how the YUV color 71.4180, -27.3211, 36.4674 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 71.4180, -27.3211, 36.4674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

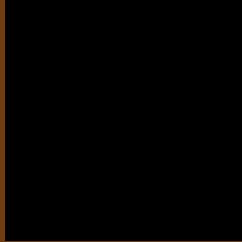
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4180, -27.3211, 36.4674

Background



This preview shows how black text looks on a background with the YUV color 71.4180, -27.3211, 36.4674.



This preview shows how white text looks on a background with the YUV color 71.4180, -27.3211,

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

71.4180, -27.3211, 36.4674

Protanopia

71.4210, -25.3506, 11.0318

Deuteranopia

71.2220, -30.1824, 20.8533



Tritanopia

74.7980, -6.8024, 35.2572

Trichromacy



Original Color

71.4180, -27.3211, 36.4674

Protanomaly

71.6610, -25.9619, 20.4683

Deuteranomaly

71.1950, -29.1831, 27.0160

Tritanomaly

73.2620, -13.9332, 35.7272

Monochromacy



Original Color

71.4180, -27.3211, 36.4674

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8570, -9.7895, 13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4180, -27.3211, 36.4674 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(113, 61, 16)` looks like.

```
.text, #text, p{  
    color:rgb(113, 61, 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(113, 61, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 61, 16) }
```

Border

The CSS property to change the border of an element to YUV 71.4180, -27.3211, 36.4674 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(113, 61, 16) }
```


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

```
.border{ border-color:rgb(113, 61, 16) }
```

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

Here you see how a box with a 4 pixel rgb(113, 61, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 61, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 61, 16);  
box-shadow:4px 4px 4px 4px rgb(113, 61,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 71.4180, -27.3211, 36.4674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 61, 16) }
```

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

```
.background{ background-color: rgb(113, 61,  
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](#).

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