

Converting Colors

YUV(70.5770, -31.8365,
38.0820)

Have a look what the booklet for
YUV(70.5770, -31.8365, 38.0820)
contains.

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Color

**YUV(70.5770, -31.8365,
38.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	723D06
RGB	114, 61, 6
RGB Percent	45%, 24%, 2%
CMY	0.5529, 0.7608, 0.9765
CMYK	0.00, 0.46, 0.95, 0.55
HSL	31°, 90%, 24%
HSV	31°, 95%, 45%
XYZ	8.6410, 6.9280, 1.0541
YIQ	70.5770, 49.2430, -5.8690

Conversions

Conversions Part 2

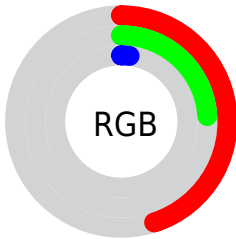
Format	Color
RYB	110, 114, 6
Decimal	7486726
CIELab	31.64, 19.47, 39.52
CIELCh	32, 44.053, 63.770
Yxy	6.9280, 0.5198, 0.4168
Android (android.graphics.Color)	4285676806 (0xFF723D06)
YUV	70.5770, -31.8365, 38.0820
Hunter-Lab	26.3212, 12.5382, 16.0504

Details

The YUV color **70.5770, -31.8365, 38.0820** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **49.4230, 31.8365, -38.0820**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3820, -32.7263, 43.5150**, and **27.9190, -13.7641, 28.1350** is the 20% darker color. If you saturate the color by 10%, you get **68.1320, -33.5891, 40.2262**, and if you desaturate by 10%, it is **75.3530, -28.7680, 33.8934**.

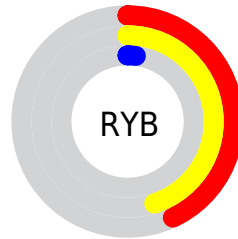
Distribution



Red (45%)

Green (24%)

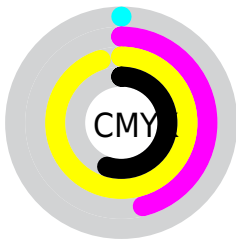
Blue (2%)



Red (43%)

Yellow (45%)

Blue (2%)

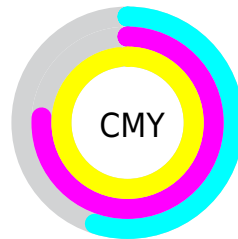


Cyan (0%)

Magenta (46%)

Yellow (95%)

Black (55%)



Cyan (55%)

Magenta (76%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5770, -31.8365, 38.0820 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 70.5770, -31.8365, 38.0820 by changing the saturation by 10% instead.

70.5770, -31.8365,
38.0820

70.5770, -31.8365,
38.0820

253.2900, -6.5520,
1.4997

48.9060, -24.1107,
33.4084

121.3820,
-32.7263, 43.5150

27.9190, -13.7641,
28.1350

147.4640,
-33.7528, 46.0741

11.0630, -5.4541,
22.7467

174.8340,
-34.9212, 47.5036

0.0000, 0.0000,
0.0000

201.4210,
-35.2106, 46.9888

220.8210,
-31.9568, 29.9750

240.3350,

-28.2662, 12.8612

■ 249.9840,
-19.2191, 4.3990

■ 70.5770, -31.8365,
38.0820

■ 70.5770, -31.8365,
38.0820

■ 68.1320, -33.5891,
40.2262

■ 75.3530, -28.7680,
33.8934

■ 79.6560, -24.9734,
30.1197

■ 84.4320, -21.9050,
25.9311

■ 88.7350, -18.1104,
22.1574

■ 93.5110, -15.0419,
17.9689

■ 98.2870, -11.9735,
13.7803

■ 102.5900, -8.1789,
10.0066

■ 107.3660, -5.1104,
5.8180

■ 111.6690, -1.3158,
2.0443

Harmonies

Analogous

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



70.2150, -15.8820, 54.1854



70.5770, -31.8365, 38.0820



69.4510, -34.2393, 15.3905

Triad

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



70.5770, -31.8365, 38.0820



61.7220, 8.0251, -54.1302



75.6500, 27.7806, 2.9380

Complementary

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



70.5770, -31.8365, 38.0820



49.4230, 31.8365, -38.0820

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.



61.6150, 40.6158, -54.0364



70.5770, -31.8365, 38.0820



65.5980, 22.8762, -57.5294

Square

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



70.5770, -31.8365, 38.0820



56.4440, -7.1209, -49.5014



65.9860, 34.5169, -57.8697



74.6670, 15.4472, 38.8800

Rectangle

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



70.5770, -31.8365, 38.0820



66.6830, -32.8747, -2.3530



65.9860, 34.5169, -57.8697



72.9900, 32.0499, -13.1462

Sweetspot

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



70.5770, -31.8365, 38.0820



131.4720, -12.5577, 14.4951



44.4480, 7.6671, 60.9971



64.1060, -7.4473, 8.6770



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.



70.5770, -31.8365, 38.0820



88.2770, -43.5206, 52.3771



101.6880, -47.1742, 10.7976



53.5550, -1.7526, 2.1443



71.6870, -35.3417, 42.3705



147.8150, -72.8728, 86.9852

Inverse Universe

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



49.4230, 31.8365, -38.0820



59.7230, 43.5206, -52.3771



18.3120, 47.1742, -10.7976



52.4450, 1.7526, -2.1443



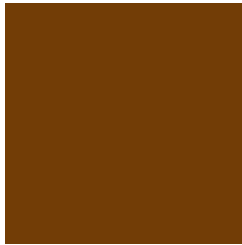
48.3130, 35.3417, -42.3705



99.1850, 72.8728, -86.9852

Previews

White Background



This preview shows how the YUV color 70.5770, -31.8365, 38.0820 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 70.5770, -31.8365, 38.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

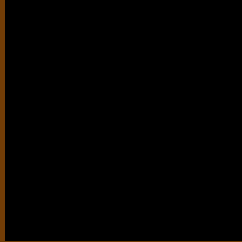
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5770, -31.8365, 38.0820

Background



This preview shows how black text looks on a background with the YUV color 70.5770, -31.8365, 38.0820.



This preview shows how white text looks on a background with the YUV color 70.5770, -31.8365,

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

70.5770, -31.8365, 38.0820

Protanopia

70.6940, -29.4291, 12.5464

Deuteranopia

70.0820, -34.5504, 21.8531



Tritanopia

75.0970, -6.9498, 35.8719

Trichromacy



Original Color

70.5770, -31.8365, 38.0820

Protanomaly

70.8200, -30.4773, 22.0829

Deuteranomaly

70.0550, -33.5511, 28.0158

Tritanomaly

73.1050, -15.8278, 36.7419

Monochromacy



Original Color

70.5770, -31.8365, 38.0820

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7000, -11.6841, 14.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5770, -31.8365, 38.0820 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(114, 61, 6)` looks like.

```
.text, #text, p{  
    color:rgb(114, 61, 6)  
}
```

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(114, 61, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 61, 6) }
```

Border

The CSS property to change the border of an element to YUV 70.5770, -31.8365, 38.0820 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(114, 61, 6) }
```


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

```
.border{ border-color:rgb(114, 61, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 61, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 61, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 61, 6);  
box-shadow:4px 4px 4px 4px rgb(114, 61, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5770, -31.8365, 38.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 61, 6) }
```

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

```
.background{ background-color: rgb(114, 61,  
6) }
```

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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