

Converting Colors

YUV(68.1810, -31.1482,
50.7073)

Have a look what the booklet for
YUV(68.1810, -31.1482, 50.7073)
contains.

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Color

**YUV(68.1810, -31.1482,
50.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	7E3305
RGB	126, 51, 5
RGB Percent	49%, 20%, 2%
CMY	0.5059, 0.8000, 0.9804
CMYK	0.00, 0.60, 0.96, 0.51
HSL	23°, 92%, 26%
HSV	23°, 96%, 49%
XYZ	9.8154, 6.8142, 0.9415
YIQ	68.1810, 59.4660, 1.5940

Conversions

Conversions Part 2

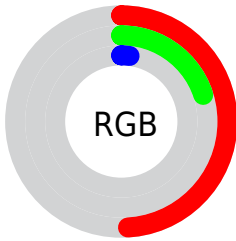
Format	Color
R_YB	126, 79, 5
Decimal	8270597
CIE Lab	31.38, 30.36, 40.64
CIE LCh	31, 50.723, 53.240
Yxy	6.8142, 0.5586, 0.3878
Android (android.graphics.Color)	4286460677 (0xFF7E3305)
YUV	68.1810, -31.1482, 50.7073
Hunter-Lab	26.1041, 21.4357, 16.1344

Details

The YUV color **68.1810, -31.1482, 50.7073** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **62.8190, 31.1482, -50.7073**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0570, -33.0591, 56.9550**, and **21.8050, -10.7499, 41.3900** is the 20% darker color. If you saturate the color by 10%, you get **65.8500, -32.4641, 52.7516**, and if you desaturate by 10%, it is **74.3590, -27.7850, 45.2892**.

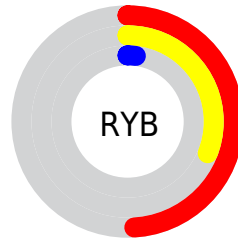
Distribution



Red (49%)

Green (20%)

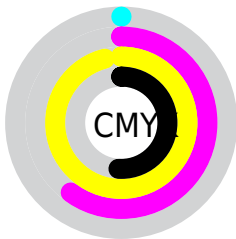
Blue (2%)



Red (49%)

Yellow (31%)

Blue (2%)

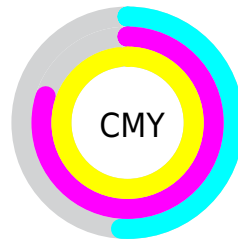


Cyan (0%)

Magenta (60%)

Yellow (96%)

Black (51%)



Cyan (51%)


Magenta (80%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 68.1810, -31.1482, 50.7073 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 68.1810, -31.1482, 50.7073 by changing the saturation by 10% instead.


 68.1810, -31.1482,
50.7073

 68.1810, -31.1482,
50.7073


 252.9480, -7.8624,
1.7996

 45.1510, -22.2594,
46.3486

 120.0570,
-33.0591, 56.9550


 21.8050, -10.7499,
41.3900


 146.4380,
-34.2329, 60.1289

 13.5690, -6.1965,
27.5650

 174.1070,
-35.5488, 62.1732

 0.0000, 0.0000,
0.0000

 195.9100,
-33.4796, 51.8219

 215.3100,
-30.2258, 34.8081

 234.8240,

-26.5352, 17.6944

■ 249.7560,
-20.0927, 4.5990

■ 68.1810, -31.1482,
50.7073

■ 68.1810, -31.1482,
50.7073

■ 65.8500, -32.4641,
52.7516

■ 74.3590, -27.7850,
45.2892

■ 80.4230, -24.8585,
39.9710

■ 86.0140, -21.2059,
35.0677

■ 92.0780, -18.2795,
29.7496

■ 98.2560, -14.9162,
24.3315

■ 104.4340,
-11.5530, 18.9134

■ 110.4980, -8.6265,
13.5953

■ 116.0890, -4.9739,
8.6919

■ 122.1530, -2.0474,
3.3738

Harmonies

Analogous

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



64.8990, -9.8102, 66.7406



68.1810, -31.1482, 50.7073



69.8050, -34.4139, 24.7270

Triad

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



68.1810, -31.1482, 50.7073



60.5990, 1.1837, -53.1453



70.5530, 38.1814, -19.7790

Complementary

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



68.1810, -31.1482, 50.7073



62.8190, 31.1482, -50.7073

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.



65.5760, 43.1000, -57.5102



68.1810, -31.1482, 50.7073



65.2730, 19.0924, -57.2444

Square

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



68.1810, -31.1482, 50.7073



53.4630, -16.0043, -46.8871



67.8610, 34.0855, -59.5141



74.3980, 23.4678, 32.9770

Rectangle

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



68.1810, -31.1482, 50.7073



68.2110, -33.6280, 5.9540



67.8610, 34.0855, -59.5141



60.1790, 45.2678, -52.7770

Sweetspot

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



68.1810, -31.1482, 50.7073



140.6190, -12.1372, 19.6281



49.9570, 15.7972, 66.6897



68.1280, -7.4581, 12.1657



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



68.1810, -31.1482, 50.7073



85.1310, -41.9696, 68.2911



102.8140, -48.2223, 20.3341



60.8540, -1.9000, 2.7590



66.4480, -32.7589, 53.9811



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.8190, 31.1482, -50.7073



77.8690, 41.9696, -68.2911



28.1860, 48.2223, -20.3341



60.1460, 1.9000, -2.7590



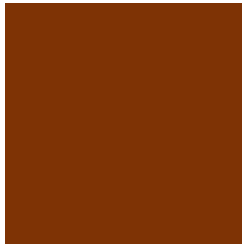
60.9650, 33.0483, -53.4663



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.1810, -31.1482, 50.7073 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



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 68.1810, -31.1482, 50.7073

Background



This preview shows how black text looks on a background with the YUV color 68.1810, -31.1482, 50.7073.



This preview shows how white text looks on a background with the YUV color 68.1810, -31.1482,

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

68.1810, -31.1482, 50.7073

Protanopia

70.6230, -28.4081, 11.7316

Deuteranopia

70.0820, -34.5504, 21.8531



Tritanopia

71.2620, -10.4822, 48.8822

Trichromacy



Original Color

68.1810, -31.1482, 50.7073

Protanomaly

69.4830, -29.3251, 25.8864

Deuteranomaly

69.4900, -33.2726, 32.0193

Tritanomaly

70.0250, -17.7603, 49.9671

Monochromacy



Original Color

68.1810, -31.1482, 50.7073

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1350, -11.4056, 18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1810, -31.1482, 50.7073 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(126, 51, 5)` looks like.

```
.text, #text, p{  
    color:rgb(126, 51, 5)  
}
```

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(126, 51, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 51, 5) }
```

Border

The CSS property to change the border of an element to YUV 68.1810, -31.1482, 50.7073 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(126, 51, 5) }
```


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

```
.border{ border-color:rgb(126, 51, 5) }
```

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

Here you see how a box with a 4 pixel rgb(126, 51, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 51, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 51, 5);  
box-shadow:4px 4px 4px 4px rgb(126, 51, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.1810, -31.1482, 50.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 51, 5) }
```

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

```
.background{ background-color: rgb(126, 51,  
5) }
```

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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