

Converting Colors

YUV(68.9570, -31.5308,
33.3637)

Have a look what the booklet for
YUV(68.9570, -31.5308, 33.3637)
contains.

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Color

**YUV(68.9570, -31.5308,
33.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3E05
RGB	107, 62, 5
RGB Percent	42%, 24%, 2%
CMY	0.5804, 0.7569, 0.9804
CMYK	0.00, 0.42, 0.95, 0.58
HSL	34°, 91%, 22%
HSV	34°, 95%, 42%
XYZ	7.8134, 6.5820, 1.0022
YIQ	68.9570, 45.1170, -8.1870

Conversions

Conversions Part 2

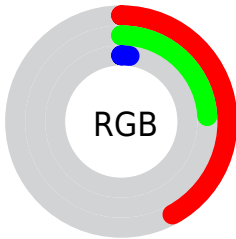
Format	Color
RYB	86, 107, 5
Decimal	7028229
CIELab	30.84, 15.53, 38.84
CIELCh	31, 41.826, 68.208
Yxy	6.5820, 0.5074, 0.4275
Android (android.graphics.Color)	4285218309 (0xFF6B3E05)
YUV	68.9570, -31.5308, 33.3637
Hunter-Lab	25.6554, 9.4656, 15.6426

Details

The YUV color **68.9570, -31.5308, 33.3637** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **43.0430, 31.5308, -33.3637**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4630, -32.2733, 38.1819**, and **27.2990, -13.4584, 23.4168** is the 20% darker color. If you saturate the color by 10%, you get **67.2130, -33.1360, 34.8932**, and if you desaturate by 10%, it is **73.1460, -28.1730, 29.6900**.

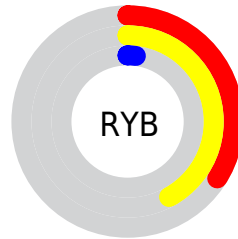
Distribution



Red (42%)

Green (24%)

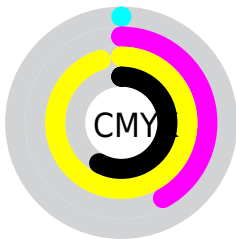
Blue (2%)



Red (34%)

Yellow (42%)

Blue (2%)

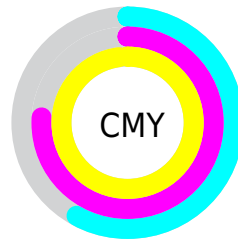


Cyan (0%)

Magenta (42%)

Yellow (95%)

Black (58%)



Cyan (58%)

Magenta (76%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9570, -31.5308, 33.3637 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 68.9570, -31.5308, 33.3637 by changing the saturation by 10% instead.

68.9570, -31.5308,
33.3637

68.9570, -31.5308,
33.3637

253.1760, -6.9888,
1.5996

47.6990, -23.5156,
29.2050

119.4630,
-32.2733, 38.1819

27.2990, -13.4584,
23.4168

145.5450,
-33.2997, 40.7410

9.2690, -4.5696,
19.0581

172.3280,
-34.1787, 42.6853

0.0000, 0.0000,
0.0000

200.1110,
-35.0577, 44.6297

220.7070,
-32.3936, 30.0750

240.8080,

-28.9923, 12.4464

■ 249.8700,
-19.6559, 4.4990

■ 68.9570, -31.5308,
33.3637

■ 68.9570, -31.5308,
33.3637

■ 67.2130, -33.1360,
34.8932

■ 73.1460, -28.1730,
29.6900

■ 76.6340, -24.9626,
26.6310

■ 80.8230, -21.6047,
22.9572

■ 85.0120, -18.2469,
19.2835

■ 89.2010, -14.8891,
15.6097

■ 92.6890, -11.6787,
12.5507

■ 96.8780, -8.3209,
8.8770

■ 101.0670, -4.9630,
5.2032

■ 104.5550, -1.7526,
2.1443

Harmonies

Analogous

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



69.4270, -17.4655, 48.7375



68.9570, -31.5308, 33.3637



67.3580, -33.2075, 11.0870

Triad

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



68.9570, -31.5308, 33.3637



60.8900, 9.9142, -53.4005



74.7710, 24.2699, 8.9708

Complementary

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



68.9570, -31.5308, 33.3637



43.0430, 31.5308, -33.3637

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.



59.1700, 38.8632, -51.8921



68.9570, -31.5308, 33.3637



63.8370, 23.7444, -55.9850

Square

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



68.9570, -31.5308, 33.3637



55.8400, -4.3581, -48.9717



63.8830, 34.0747, -56.0254



72.8690, 12.3896, 39.5799

Rectangle

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



68.9570, -31.5308, 33.3637



64.7580, -29.9537, -5.9268



63.8830, 34.0747, -56.0254



73.1220, 28.5339, -5.3690

Sweetspot

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



68.9570, -31.5308, 33.3637



124.8740, -12.2629, 13.2655



40.7420, 5.0572, 58.1083



61.6930, -7.7366, 8.1622



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.



68.9570, -31.5308, 33.3637



87.6460, -43.2095, 45.9145



93.8770, -43.8164, 7.1239



51.5550, -1.7526, 2.1443



73.7250, -36.3464, 37.9522



153.6740, -75.7613, 80.0929

Inverse Universe

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



43.0430, 31.5308, -33.3637



52.3540, 43.2095, -45.9145



18.1230, 43.8164, -7.1239



50.4450, 1.7526, -2.1443



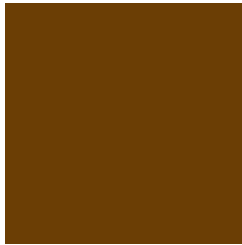
43.8620, 36.0570, -38.4670



91.3260, 75.7613, -80.0929

Previews

White Background



This preview shows how the YUV color 68.9570, -31.5308, 33.3637 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 68.9570, -31.5308, 33.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

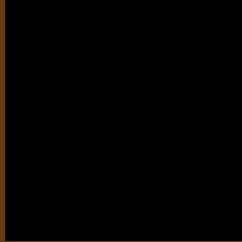
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9570, -31.5308, 33.3637

Background



This preview shows how black text looks on a background with the YUV color 68.9570, -31.5308, 33.3637.



This preview shows how white text looks on a background with the YUV color 68.9570, -31.5308,

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

68.9570, -31.5308, 33.3637

Protanopia

68.8080, -28.9923, 12.4464

Deuteranopia

68.3100, -33.6768, 21.6531



Tritanopia

73.7050, -5.7706, 30.9537

Trichromacy



Original Color

68.9570, -31.5308, 33.3637

Protanomaly

68.9230, -30.0350, 20.2385

Deuteranomaly

68.2720, -32.6721, 26.0715

Tritanomaly

71.5990, -15.0853, 31.9237

Monochromacy



Original Color

68.9570, -31.5308, 33.3637

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8030, -11.2419, 12.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9570, -31.5308, 33.3637 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(107, 62, 5)` looks like.

```
.text, #text, p{  
    color:rgb(107, 62, 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(107, 62, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 62, 5) }
```

Border

The CSS property to change the border of an element to YUV 68.9570, -31.5308, 33.3637 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(107, 62, 5) }
```


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

```
.border{ border-color:rgb(107, 62, 5) }
```

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

Here you see how a box with a 4 pixel rgb(107, 62, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 62, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 62, 5);  
box-shadow:4px 4px 4px 4px rgb(107, 62, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9570, -31.5308, 33.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 62, 5) }
```

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

```
.background{ background-color: rgb(107, 62,  
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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