

Converting Colors

YUV(70.8550, -30.4945,
-19.1668)

Have a look what the booklet for
YUV(70.8550, -30.4945, -19.1668)
contains.

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Color

**YUV(70.8550, -30.4945,
-19.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	315E09
RGB	49, 94, 9
RGB Percent	19%, 37%, 4%
CMY	0.8078, 0.6314, 0.9647
CMYK	0.48, 0.00, 0.90, 0.63
HSL	92°, 83%, 20%
HSV	92°, 90%, 37%
XYZ	5.3186, 8.6781, 1.6532
YIQ	70.8550, 0.4650, -35.9750

Conversions

Conversions Part 2

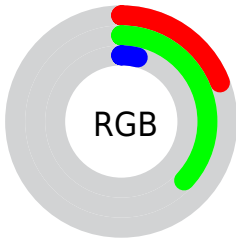
Format	Color
R_YB	9, 94, 54
Decimal	3235337
CIE Lab	35.36, -30.12, 39.02
CIE LCh	35, 49.295, 127.664
Yxy	8.6781, 0.3399, 0.5545
Android (android.graphics.Color)	4281425417 (0xFF315E09)
YUV	70.8550, -30.4945, -19.1668
Hunter-Lab	29.4586, -19.3251, 17.2938

Details

The YUV color **70.8550, -30.4945, -19.1668** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **32.1450, 30.4945, 19.1668**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9690, -30.0577, -19.2668**, and **27.5890, -13.6014, -24.1956** is the 20% darker color. If you saturate the color by 10%, you get **68.3340, -33.6887, -21.3409**, and if you desaturate by 10%, it is **73.3760, -27.3004, -16.9928**.

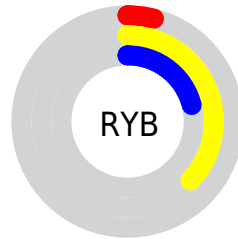
Distribution



Red (19%)

Green (37%)

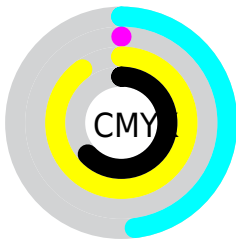
Blue (4%)



Red (4%)

Yellow (37%)

Blue (21%)

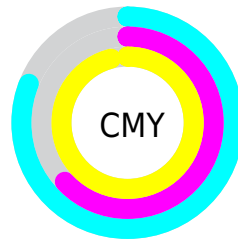


Cyan (48%)

Magenta (0%)

Yellow (90%)

Black (63%)



Cyan (81%)

Magenta (63%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8550, -30.4945, -19.1668 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 70.8550, -30.4945, -19.1668 by changing the saturation by 10% instead.

■ 70.8550, -30.4945,
-19.1668

■ 70.8550, -30.4945,
-19.1668

■ 254.3160, -2.6208,
0.5999

■ 47.9670, -23.6477,
-21.8961

■ 121.9690,
-30.0577, -19.2668

■ 27.5890, -13.6014,
-24.1956

■ 148.7410,
-30.9313, -19.0669

■ 15.8490, -7.8136,
-13.8996

■ 175.5130,
-31.8049, -18.8669


■ 0.0000, 0.0000,
0.0000


■ 202.9860,
-32.5311, -19.2817


■ 230.8720,
-32.9679, -19.1817


■ 242.7350,


-25.0124, -4.1526


 251.0100,
-15.2879, 3.4992


 70.8550, -30.4945,
-19.1668


 70.8550, -30.4945,
-19.1668


 68.3340, -33.6887,
-21.3409

 73.3760, -27.3004,
-16.9928

 76.0110, -23.6694,
-14.9186

 78.5320, -20.4753,
-12.7446

 81.1670, -16.8443,
-10.6705

 83.6880, -13.6502,
-8.4964

■ 86.2090, -10.4560,
-6.3223

■ 88.8440, -6.8251,
-4.2482

■ 91.3650, -3.6309,
-2.0741

■ 94.0000, 0.0000,
0.0000

Harmonies

Analogous

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



77.4030, -38.1597, 12.8016



70.8550, -30.4945, -19.1668



63.9270, -6.3730, -56.0640

Triad

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



70.8550, -30.4945, -19.1668



73.5490, 40.6483, -64.5025



76.8910, -0.9323, 65.8706

Complementary

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



70.8550, -30.4945, -19.1668



32.1450, 30.4945, 19.1668

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.



82.1350, 15.7094, 48.1166



70.8550, -30.4945, -19.1668



68.3630, 46.1630, -59.9544

Square

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



70.8550, -30.4945, -19.1668



73.6340, 28.2814, -64.5770



85.2640, 29.9428, 9.4155



78.3960, -20.4082, 59.2887

Rectangle

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



70.8550, -30.4945, -19.1668



68.2930, 5.2786, -59.8930



85.2640, 29.9428, 9.4155



78.3620, 4.7515, 62.8265

Sweetspot

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



70.8550, -30.4945, -19.1668



113.1550, -11.9084, -7.1519



60.2430, -25.2628, 29.6049



55.8440, -6.8251, -4.2482



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



70.8550, -30.4945, -19.1668



88.9560, -43.8553, -27.1484



59.0090, -24.1614, -43.8579



44.5330, -1.7418, -1.3444



80.1180, -39.4982, -24.6595



172.6070, -85.0953, -53.1523

Inverse Universe

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



32.1450, 30.4945, 19.1668



33.3430, 43.7079, 27.7632



43.9910, 24.1614, 43.8579



42.4670, 1.7418, 1.3444



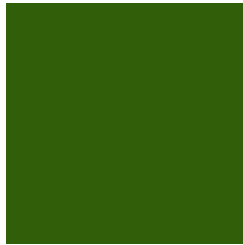
29.8820, 39.4982, 24.6595



64.6920, 84.9478, 53.7671

Previews

White Background



This preview shows how the YUV color 70.8550, -30.4945, -19.1668 looks on a white background.

Color Contrast Check

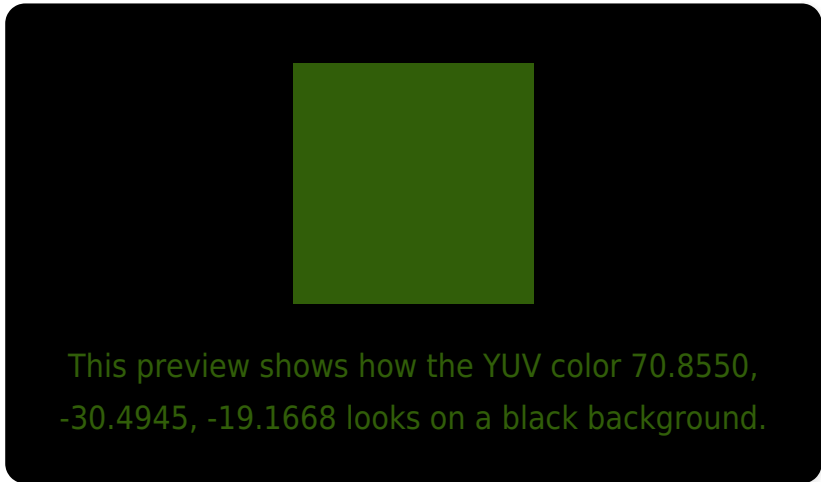
Large Text (above 18pt) WCAG AA ✓ Pass

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

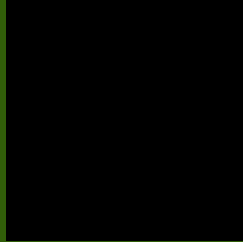
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8550, -30.4945, -19.1668

Background



This preview shows how black text looks on a background with the YUV color 70.8550, -30.4945, -19.1668.



This preview shows how white text looks on a background with the YUV color 70.8550, -30.4945,

-19.1668.

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

70.8550, -30.4945, -19.1668

Protanopia

77.1690, -36.5653, 14.7608

Deuteranopia

79.8630, -29.0195, 21.1681



Tritanopia

80.0240, 6.8902, -16.6840

Trichromacy



Original Color

70.8550, -30.4945, -19.1668

Protanomaly

74.9610, -34.4908, 2.6652

Deuteranomaly

76.3620, -29.2655, 6.6985

Tritanomaly

77.0550, -6.9291, -17.5882

Monochromacy



Original Color

70.8550, -30.4945, -19.1668

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6820, -11.1822, -6.7371

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8550, -30.4945, -19.1668 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(49, 94, 9)` looks like.

```
.text, #text, p{  
    color:rgb(49, 94, 9)  
}
```

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(49, 94, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 94, 9) }
```

Border

The CSS property to change the border of an element to YUV 70.8550, -30.4945, -19.1668 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(49, 94, 9) }
```


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

```
.border{ border-color:rgb(49, 94, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 94, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 94, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 94, 9); box-shadow:4px  
4px 4px 4px rgb(49, 94, 9) }
```

Background

The CSS property to change the background color of an element to YUV 70.8550, -30.4945, -19.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 94, 9) }
```

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

```
.background{ background-color: rgb(49, 94,  
9) }
```

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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