

Converting Colors

YUV(68.9130, -18.1981, 3.5843)

Have a look what the booklet for
YUV(68.9130, -18.1981, 3.5843)
contains.

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Color

**YUV(68.9130, -18.1981,
3.5843)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 494A20 |
| RGB | 73, 74, 32 |
| RGB Percent | 29%, 29%, 13% |
| CMY | 0.7137, 0.7098, 0.8745 |
| CMYK | 0.01, 0.00, 0.57, 0.71 |
| HSL | 61°, 40%, 21% |
| HSV | 61°, 57%, 29% |
| XYZ | 5.4571, 6.4183, 2.3177 |
| YIQ | 68.9130, 12.8860, -13.2740 |

Conversions

Conversions Part 2

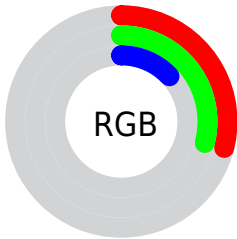
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 32, 74, 33 |
| Decimal | 4803104 |
| CIE Lab | 30.44, -7.30, 24.65 |
| CIE LCh | 30, 25.706, 106.496 |
| Yxy | 6.4183, 0.3845, 0.4522 |
| Android (android.graphics.Color) | 4282993184 (0xFF494A20) |
| YUV | 68.9130, -18.1981, 3.5843 |
| Hunter-Lab | 25.3344, -5.8854, 12.3099 |

Details

The YUV color **68.9130, -18.1981, 3.5843** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **37.0870, 18.1981, -3.5843**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8700, -19.6559, 4.4990**, and **25.9820, -12.8091, 1.7698** is the 20% darker color. If you saturate the color by 10%, you get **68.1150, -21.2557, 4.2841**, and if you desaturate by 10%, it is **69.7110, -15.1405, 2.8845**.

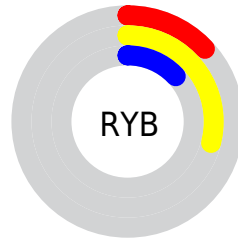
Distribution



Red (29%)

Green (29%)

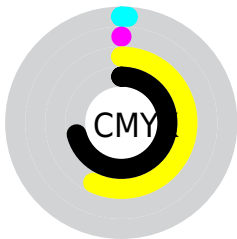
Blue (13%)



Red (13%)

Yellow (29%)

Blue (13%)

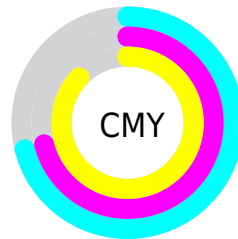


Cyan (1%)

Magenta (0%)

Yellow (57%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9130, -18.1981, 3.5843 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 68.9130, -18.1981, 3.5843 by changing the saturation by 10% instead.

68.9130, -18.1981,
3.5843

68.9130, -18.1981,
3.5843

255.0000, 0.0000,
0.0000

46.0270, -17.7613,
3.4843

117.8700,
-19.6559, 4.4990

25.9820, -12.8091,
1.7698

143.0550,
-20.2401, 5.2138

1.7610, -0.8682,
-1.5444

169.8270,
-21.1137, 5.4137

0.0000, 0.0000,
0.0000

197.0120,
-21.6979, 6.1285

224.8980,
-22.1347, 6.2285

249.6420,

-20.5295, 4.6990

■ 252.8340, -8.2992,
1.8996

■ 68.9130, -18.1981,
3.5843

■ 68.9130, -18.1981,
3.5843

■ 68.1150, -21.2557,
4.2841

■ 69.7110, -15.1405,
2.8845

■ 67.2030, -24.7501,
5.0840

■ 70.6230, -11.6461,
2.0846

■ 66.1060, -27.6603,
5.1690

■ 71.7200, -8.7360,
1.9996

■ 65.1940, -31.1546,
5.9689

■ 72.6320, -5.2416,
1.1997

■ 64.9660, -32.0282,
6.1688

■ 73.4300, -2.1840,
0.4999

■ 74.2280, 0.8736,
-0.2000

■ 75.1400, 4.3680,
-0.9998

■ 75.9380, 7.4256,
-1.6996

■ 77.1490, 10.7725,
-1.8847

Harmonies

Analogous

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



70.4850, -18.9731, 18.8687



68.9130, -18.1981, 3.5843



66.2250, -11.4499, -14.2293

Triad

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



68.9130, -18.1981, 3.5843



58.3600, 20.5285, -51.1817



73.3160, 4.2812, 26.9099

Complementary

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



68.9130, -18.1981, 3.5843



37.0870, 18.1981, -3.5843

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.



73.6930, 12.4764, 11.6702



68.9130, -18.1981, 3.5843



60.1420, 24.5800, -43.9745

Square

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



68.9130, -18.1981, 3.5843



57.4820, 12.0874, -50.4117



71.2710, 19.0934, -10.7617



72.1290, -5.4866, 33.2129

Rectangle

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



68.9130, -18.1981, 3.5843



63.0860, -3.9864, -28.1394



71.2710, 19.0934, -10.7617



73.9780, 6.9128, 22.8213

Sweetspot

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



68.9130, -18.1981, 3.5843



95.0620, -7.4256, 1.6996



45.1450, -6.4805, 25.3058



46.9740, -3.9312, 0.8998



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



68.9130, -18.1981, 3.5843



88.8780, -28.5339, 5.3690



62.6340, -15.1026, -9.3260



37.5440, -1.7472, 0.3999



89.7740, -44.2586, 8.9682



201.9860, -99.5791, 19.3063

Inverse Universe

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



37.0870, 18.1981, -3.5843



39.1220, 28.5339, -5.3690



43.3660, 15.1026, 9.3260



34.7550, 1.5998, 0.2149



12.2260, 44.2586, -8.9682



27.7150, 99.7265, -19.9211

Previews

White Background



This preview shows how the YUV color 68.9130, -18.1981, 3.5843 looks on a white background.

Color Contrast Check

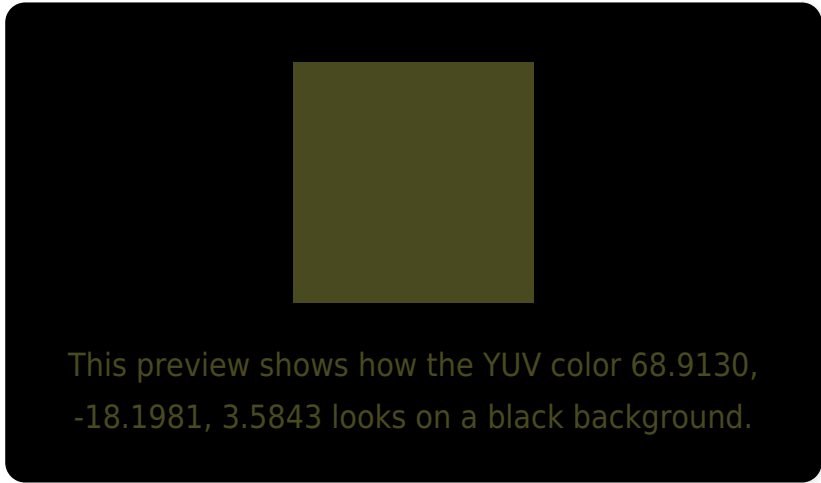
Large Text (above 18pt) WCAG AA ✓ Pass

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

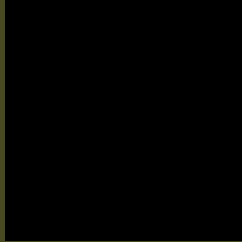
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9130, -18.1981, 3.5843

Background



This preview shows how black text looks on a background with the YUV color 68.9130, -18.1981, 3.5843.



This preview shows how white text looks on a background with the YUV color 68.9130, -18.1981,

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

68.9130, -18.1981, 3.5843

Protanopia

69.7180, -19.0880, 9.0173

Deuteranopia

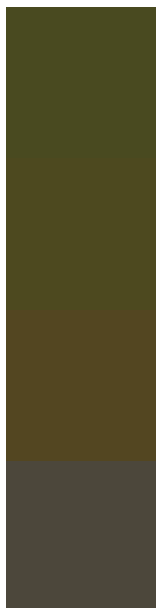
70.4030, -17.9467, 16.3096



Tritanopia

72.6630, 1.1521, 3.8035

Trichromacy



Original Color

68.9130, -18.1981, 3.5843

Protanomaly

69.4080, -18.9351, 6.6582

Deuteranomaly

69.6690, -18.0778, 11.6913

Tritanomaly

71.1270, -5.9786, 4.2736

Monochromacy



Original Color

68.9130, -18.1981, 3.5843

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9130, -18.1981, 3.5843 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(73, 74, 32)` looks like.

```
.text, #text, p{  
    color:rgb(73, 74, 32)  
}
```

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(73, 74, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 74, 32) }
```

Border

The CSS property to change the border of an element to YUV 68.9130, -18.1981, 3.5843 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(73, 74, 32) }
```


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

```
.border{ border-color:rgb(73, 74, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 74, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 74, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 74, 32);  
box-shadow:4px 4px 4px 4px rgb(73, 74, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9130, -18.1981, 3.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 74, 32) }
```

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

```
.background{ background-color: rgb(73, 74,  
32) }
```

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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