

Converting Colors

YUV(66.5930, -19.5193, 7.3729)

Have a look what the booklet for
YUV(66.5930, -19.5193, 7.3729)
contains.

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Color

**YUV(66.5930, -19.5193,
7.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	4B461B
RGB	75, 70, 27
RGB Percent	29%, 27%, 11%
CMY	0.7059, 0.7255, 0.8941
CMYK	0.00, 0.07, 0.64, 0.71
HSL	54°, 47%, 20%
HSV	54°, 64%, 29%
XYZ	5.2896, 5.9553, 1.9076
YIQ	66.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

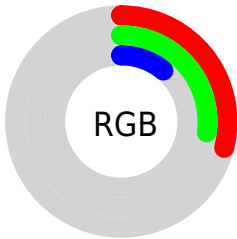
Format	Color
RYB	33, 75, 27
Decimal	4933147
CIELab	29.30, -4.36, 26.16
CIELCh	29, 26.519, 99.461
Yxy	5.9553, 0.4022, 0.4528
Android (android.graphics.Color)	4283123227 (0xFF4B461B)
YUV	66.5930, -19.5193, 7.3729
Hunter-Lab	24.4035, -4.0149, 12.4478

Details

The YUV color **66.5930, -19.5193, 7.3729** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.4070, 19.5193, -7.3729**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8490, -21.1246, 8.9024**, and **24.5200, -12.0884, 3.9290** is the 20% darker color. If you saturate the color by 10%, you get **65.2080, -22.2875, 8.5876**, and if you desaturate by 10%, it is **68.0920, -16.3144, 6.0583**.

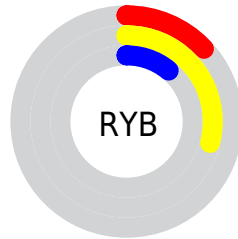
Distribution



Red (29%)

Green (27%)

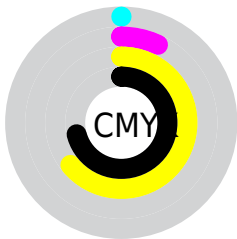
Blue (11%)



Red (13%)

Yellow (29%)

Blue (11%)

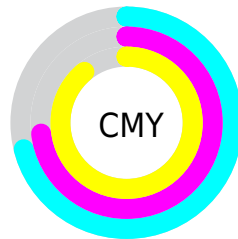


Cyan (0%)

Magenta (7%)

Yellow (64%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5930, -19.5193, 7.3729 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 66.5930, -19.5193, 7.3729 by changing the saturation by 10% instead.

■ 66.5930, -19.5193,
7.3729

■ 66.5930, -19.5193,
7.3729

■ 255.0000, 0.0000,
0.0000

■ 44.0660, -20.2455,
6.9581

■ 114.8490,
-21.1246, 8.9024

■ 24.5200, -12.0884,
3.9290

■ 141.0340,
-21.7088, 9.6172

■ 0.0000, 0.0000,
0.0000

■ 167.2190,
-22.2930, 10.3319

■ 194.4040,
-22.8772, 11.0467

■ 222.1760,
-23.7508, 11.2466

■ 248.3710,

-22.8609, 5.8136

■ 252.1500,
-10.9200, 2.4994

■ 66.5930, -19.5193,
7.3729

■ 66.5930, -19.5193,
7.3729

■ 65.2080, -22.2875,
8.5876

■ 68.0920, -16.3144,
6.0583

■ 63.7090, -25.4925,
9.9022

■ 69.4770, -13.5462,
4.8437

■ 62.9110, -28.5501,
10.6021

■ 70.2750, -10.4886,
4.1438

■ 61.7540, -30.4447,
11.6167

■ 71.7740, -7.2836,
2.8292

■ 73.2730, -4.0786,
1.5146

■ 74.6580, -1.3104,
0.2999

■ 75.5700, 2.1840,
-0.4999

■ 76.9550, 4.9522,
-1.7145

■ 78.4540, 8.1572,
-3.0292

Harmonies

Analogous

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



68.2080, -18.8365, 21.7426



66.5930, -19.5193, 7.3729



63.9760, -13.7922, -9.6260

Triad

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



66.5930, -19.5193, 7.3729



57.2030, 18.6339, -50.1670



70.8750, 6.4706, 24.6656

Complementary

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



66.5930, -19.5193, 7.3729



35.4070, 19.5193, -7.3729

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.



70.9420, 14.8186, 7.0669



66.5930, -19.5193, 7.3729



56.2230, 25.0331, -49.3076

Square

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



66.5930, -19.5193, 7.3729



55.5100, 9.6086, -48.6823



66.6830, 20.8623, -18.1390



69.9980, -3.4500, 33.3278

Rectangle

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



66.5930, -19.5193, 7.3729



61.6090, -7.2022, -23.3361



66.6830, 20.8623, -18.1390



71.2380, 9.2497, 19.9623

Sweetspot

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



66.5930, -19.5193, 7.3729



93.6600, -7.7204, 2.9292



42.0360, -4.4547, 28.9094



46.1590, -4.5154, 1.6146



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.



66.5930, -19.5193, 7.3729



83.7540, -30.4447, 11.6167



64.1460, -18.3130, -6.2670



37.5440, -1.7472, 0.3999



83.9150, -41.3701, 15.8605



189.6920, -93.5182, 35.3501

Inverse Universe

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



35.4070, 19.5193, -7.3729



35.2460, 30.4447, -11.6167



37.8540, 18.3130, 6.2670



35.0430, 1.4578, -0.9147



18.0850, 41.3701, -15.8605



40.3080, 93.5182, -35.3501

Previews

White Background



This preview shows how the YUV color 66.5930, -19.5193, 7.3729 looks on a white background.

Color Contrast Check

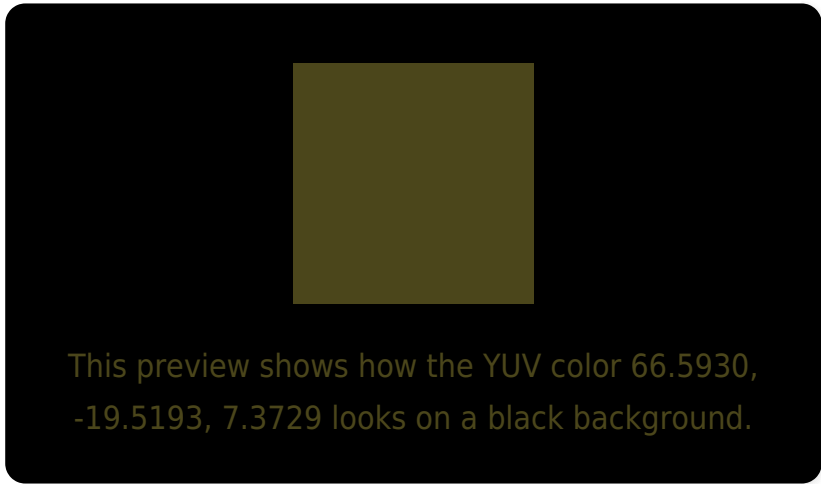
Large Text (above 18pt) WCAG AA ✓ Pass

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

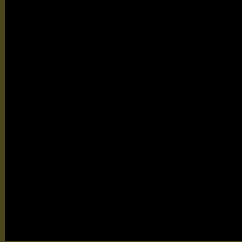
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5930, -19.5193, 7.3729

Background



This preview shows how black text looks on a background with the YUV color 66.5930, -19.5193, 7.3729.

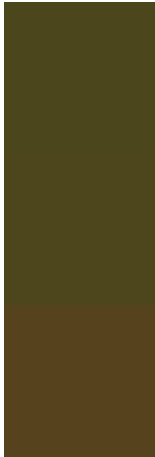


This preview shows how white text looks on a background with the YUV color 66.5930, -19.5193,

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

66.5930, -19.5193, 7.3729

Protanopia

66.6040, -19.5248, 9.1173

Deuteranopia

67.6480, -19.5465, 16.0947



Tritanopia

70.4570, 0.2677, 7.4922

Trichromacy



Original Color

66.5930, -19.5193, 7.3729

Protanomaly

66.3050, -19.3774, 8.5025

Deuteranomaly

67.0390, -19.2462, 13.1208

Tritanomaly

68.9210, -6.8631, 7.9623

Monochromacy



Original Color

66.5930, -19.5193, 7.3729

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5930, -19.5193, 7.3729 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(75, 70, 27)` looks like.

```
.text, #text, p{  
    color:rgb(75, 70, 27)  
}
```

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(75, 70, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 70, 27) }
```

Border

The CSS property to change the border of an element to YUV 66.5930, -19.5193, 7.3729 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(75, 70, 27) }
```


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

```
.border{ border-color:rgb(75, 70, 27) }
```

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

Here you see how a box with a 4 pixel rgb(75, 70, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 70, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 70, 27);  
box-shadow:4px 4px 4px 4px rgb(75, 70, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5930, -19.5193, 7.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 70, 27) }
```

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

```
.background{ background-color: rgb(75, 70,  
27) }
```

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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