

Converting Colors

YUV(63.6770, -26.9558,
12.5613)

Have a look what the booklet for
YUV(63.6770, -26.9558, 12.5613)
contains.

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Color

**YUV(63.6770, -26.9558,
12.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4309
RGB	78, 67, 9
RGB Percent	31%, 26%, 4%
CMY	0.6941, 0.7373, 0.9647
CMYK	0.00, 0.14, 0.88, 0.69
HSL	50°, 79%, 17%
HSV	50°, 88%, 31%
XYZ	5.1983, 5.6537, 1.0757
YIQ	63.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

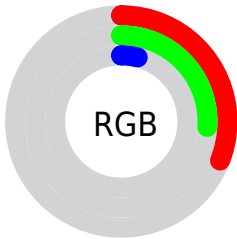
Format	Color
RYB	22, 78, 9
Decimal	5128969
CIELab	28.52, -2.11, 33.85
CIElCh	29, 33.912, 93.568
Yxy	5.6537, 0.4358, 0.4740
Android (android.graphics.Color)	4283319049 (0xFF4E4309)
YUV	63.6770, -26.9558, 12.5613
Hunter-Lab	23.7776, -2.5864, 13.9619

Details

The YUV color **63.6770, -26.9558, 12.5613** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.3230, 26.9558, -12.5613**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8730, -27.5454, 15.0204**, and **23.6450, -11.6570, 5.5733** is the 20% darker color. If you saturate the color by 10%, you get **62.1780, -30.1608, 13.8759**, and if you desaturate by 10%, it is **65.1760, -23.7508, 11.2466**.

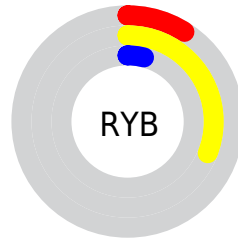
Distribution



Red (31%)

Green (26%)

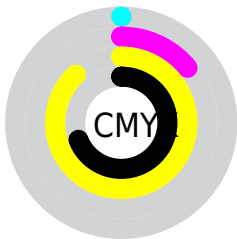
Blue (4%)



Red (9%)

Yellow (31%)

Blue (4%)

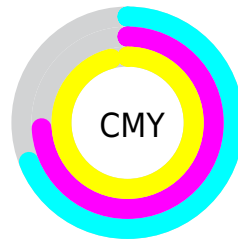


Cyan (0%)

Magenta (14%)

Yellow (88%)

Black (69%)



Cyan (69%)

Magenta (74%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6770, -26.9558, 12.5613 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 63.6770, -26.9558, 12.5613 by changing the saturation by 10% instead.

63.6770, -26.9558,
12.5613

63.6770, -26.9558,
12.5613

253.4040, -6.1152,
1.3997

42.5610, -20.9826,
10.0320

112.8730,
-27.5454, 15.0204

23.6450, -11.6570,
5.5733

138.3570,
-28.2770, 16.3499

0.0000, 0.0000,
0.0000

164.4280,
-29.2980, 17.1646

192.4990,
-30.3190, 17.9794

220.0970,
-30.6138, 19.2089

244.0850,

-29.1289, 9.5725

■ 250.2120,
-18.3455, 4.1991

■ 63.6770, -26.9558,
12.5613

■ 63.6770, -26.9558,
12.5613

■ 62.1780, -30.1608,
13.8759

■ 65.1760, -23.7508,
11.2466

■ 62.0640, -30.5976,
13.9759

■ 66.6750, -20.5458,
9.9320

■ 68.6470, -18.0670,
8.2026

■ 70.1460, -14.8620,
6.8880

■ 71.6450, -11.6570,
5.5733

■ 73.1440, -8.4520,
4.2587

■ 75.2300, -5.5364,
2.4293

■ 76.6150, -2.7682,
1.2146

■ 78.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



65.2260, -22.7894, 29.6198



63.6770, -26.9558, 12.5613



60.9670, -20.1967, -8.7411

Triad

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



63.6770, -26.9558, 12.5613



57.2030, 18.6339, -50.1670



68.7490, 10.9697, 28.2841

Complementary

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



63.6770, -26.9558, 12.5613



23.3230, 26.9558, -12.5613

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.



68.8150, 20.7972, 2.7932



63.6770, -26.9558, 12.5613



57.6080, 27.8013, -50.5222

Square

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



63.6770, -26.9558, 12.5613



54.9400, 7.4246, -48.1824



55.3790, 31.8582, -45.0594



66.1500, -0.5669, 41.9645

Rectangle

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



63.6770, -26.9558, 12.5613



57.2620, -10.9752, -26.5398



55.3790, 31.8582, -45.0594



69.3290, 14.6278, 21.6365

Sweetspot

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



63.6770, -26.9558, 12.5613



96.4600, -11.0728, 4.8586



30.9990, -4.9295, 41.2199



47.4150, -6.1206, 3.1440



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.6770, -26.9558, 12.5613



80.9800, -39.9231, 18.4345



63.2570, -26.7487, -7.2414



37.5440, -1.7472, 0.3999



182.0610, -89.7561, 42.0425

Inverse Universe

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



23.3230, 26.9558, -12.5613



21.0200, 39.9231, -18.4345



23.7430, 26.7487, 7.2414



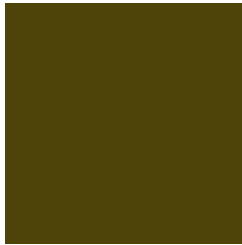
35.0430, 1.4578, -0.9147



47.9390, 89.7561, -42.0425

Previews

White Background



This preview shows how the YUV color 63.6770, -26.9558, 12.5613 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 63.6770, -26.9558, 12.5613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

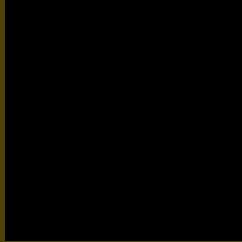
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6770, -26.9558, 12.5613

Background



This preview shows how black text looks on a background with the YUV color 63.6770, -26.9558, 12.5613.



This preview shows how white text looks on a background with the YUV color 63.6770, -26.9558,

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

63.6770, -26.9558, 12.5613

Protanopia

63.6660, -26.9503, 10.8169

Deuteranopia

64.2370, -26.2458, 18.2092



Tritanopia

68.5500, -0.7641, 11.7957

Trichromacy



Original Color

63.6770, -26.9558, 12.5613

Protanomaly

63.9650, -27.0977, 11.4317

Deuteranomaly

63.8130, -26.5298, 15.9500

Tritanomaly

67.0310, -10.3683, 12.2508

Monochromacy



Original Color

63.6770, -26.9558, 12.5613

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6770, -26.9558, 12.5613 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(78, 67, 9)` looks like.

```
.text, #text, p{  
    color:rgb(78, 67, 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(78, 67, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 67, 9) }
```

Border

The CSS property to change the border of an element to YUV 63.6770, -26.9558, 12.5613 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(78, 67, 9) }
```

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

```
.border{ border-color:rgb(78, 67, 9) }
```

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

Here you see how a box with a 4 pixel rgb(78, 67, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 67, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 67, 9); box-shadow:4px  
4px 4px 4px rgb(78, 67, 9) }
```

Background

The CSS property to change the background color of an element to YUV 63.6770, -26.9558, 12.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 67, 9) }
```

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

```
.background{ background-color: rgb(78, 67,  
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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