

Converting Colors

YUV(63.5000, -18.4875, 3.0695)

Have a look what the booklet for
YUV(63.5000, -18.4875, 3.0695)
contains.

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Color

**YUV(63.5000, -18.4875,
3.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	43451A
RGB	67, 69, 26
RGB Percent	26%, 27%, 10%
CMY	0.7373, 0.7294, 0.8980
CMYK	0.03, 0.00, 0.62, 0.73
HSL	63°, 45%, 19%
HSV	63°, 62%, 27%
XYZ	4.6293, 5.5241, 1.7996
YIQ	63.5000, 12.6110, -13.7970

Conversions

Conversions Part 2

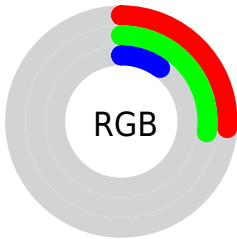
Format	Color
RYB	26, 69, 28
Decimal	4408602
CIELab	28.18, -7.83, 25.23
CIELCh	28, 26.412, 107.238
Yxy	5.5241, 0.3873, 0.4622
Android (android.graphics.Color)	4282598682 (0xFF43451A)
YUV	63.5000, -18.4875, 3.0695
Hunter-Lab	23.5034, -5.9731, 11.9128

Details

The YUV color **63.5000, -18.4875, 3.0695** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **31.5000, 18.4875, -3.0695**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4570, -19.9453, 3.9842**, and **21.8400, -10.7671, 0.1403** is the 20% darker color. If you saturate the color by 10%, you get **62.7020, -21.5451, 3.7693**, and if you desaturate by 10%, it is **64.2980, -15.4299, 2.3697**.

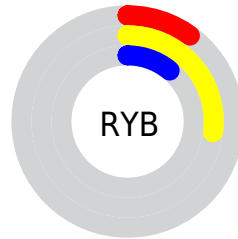
Distribution



Red (26%)

Green (27%)

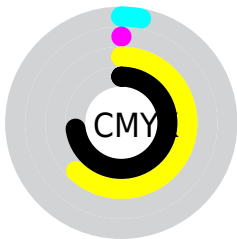
Blue (10%)



Red (10%)

Yellow (27%)

Blue (11%)

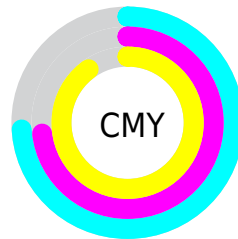


Cyan (3%)

Magenta (0%)

Yellow (62%)

Black (73%)



Cyan (74%)

Magenta (73%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.5000, -18.4875, 3.0695 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 63.5000, -18.4875, 3.0695 by changing the saturation by 10% instead.

■ 63.5000, -18.4875,
3.0695

■ 63.5000, -18.4875,
3.0695

■ 255.0000, 0.0000,
0.0000

■ 40.8590, -19.6505,
2.7547

■ 111.4570,
-19.9453, 3.9842

■ 21.8400, -10.7671,
0.1403

■ 137.2290,
-20.8189, 4.1842

■ 0.0000, 0.0000,
0.0000

■ 163.4140,
-21.4031, 4.8989

■ 190.5990,
-21.9873, 5.6137

■ 218.4850,
-22.4241, 5.7137

■ 247.3710,

-22.8609, 5.8136

■ 252.0360,
-11.3567, 2.5994

■ 63.5000, -18.4875,
3.0695

■ 63.5000, -18.4875,
3.0695

■ 62.7020, -21.5451,
3.7693

■ 64.2980, -15.4299,
2.3697

■ 61.6050, -24.4553,
3.8544

■ 65.3950, -12.5197,
2.2846

■ 60.8070, -27.5129,
4.5543

■ 66.1930, -9.4621,
1.5847

■ 60.2370, -29.6968,
5.0542

■ 66.9910, -6.4046,
0.8849

■ 68.0880, -3.4944,
0.7998

■ 68.7720, -0.8736,
0.2000

■ 69.5700, 2.1840,
-0.4999

■ 70.6670, 5.0942,
-0.5850

■ 71.4650, 8.1518,
-1.2848

Harmonies

Analogous

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



65.0720, -19.2625, 18.3539



63.5000, -18.4875, 3.0695



60.9260, -11.3025, -14.8441

Triad

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



63.5000, -18.4875, 3.0695



54.9690, 20.2283, -48.2078



67.9140, 3.9864, 28.1394

Complementary

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



63.5000, -18.4875, 3.0695



31.5000, 18.4875, -3.0695

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.



68.9920, 12.3289, 12.2850



63.5000, -18.4875, 3.0695



53.7610, 25.7538, -47.1484

Square

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



63.5000, -18.4875, 3.0695



54.0910, 11.7871, -47.4378



66.2710, 19.0934, -10.7617



67.1290, -5.4866, 33.2129

Rectangle

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



63.5000, -18.4875, 3.0695



57.1890, -3.5442, -29.9838



66.2710, 19.0934, -10.7617



68.3910, 7.2022, 23.3361

Sweetspot

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



63.5000, -18.4875, 3.0695



86.7630, -7.2782, 1.0848



39.4440, -6.6279, 25.9206



44.4470, -4.6574, 0.4850



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



63.5000, -18.4875, 3.0695



80.4650, -28.8232, 4.8542



57.2210, -15.3920, -9.8408



35.5440, -1.7472, 0.3999



86.5180, -42.6534, 7.4387



197.8330, -97.5317, 15.9325

Inverse Universe

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



31.5000, 18.4875, -3.0695



30.5350, 28.8232, -4.8542



37.7790, 15.3920, 9.8408



32.4560, 1.7472, -0.3999



12.7810, 42.5060, -6.8239



29.1670, 97.5317, -15.9325

Previews

White Background



This preview shows how the YUV color 63.5000, -18.4875, 3.0695 looks on a white background.

Color Contrast Check

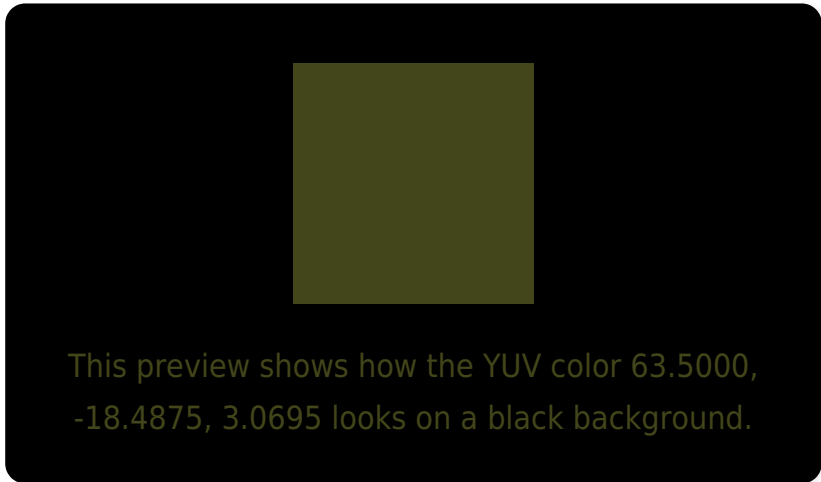
Large Text (above 18pt) WCAG AA ✓ Pass

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

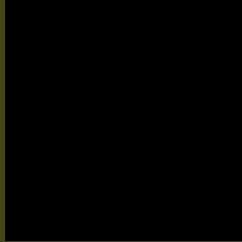
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.5000, -18.4875, 3.0695

Background



This preview shows how black text looks on a background with the YUV color 63.5000, -18.4875, 3.0695.



This preview shows how white text looks on a background with the YUV color 63.5000, -18.4875,

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

63.5000, -18.4875, 3.0695

Protanopia

64.3050, -19.3774, 8.5025

Deuteranopia

64.9900, -18.2361, 15.7948



Tritanopia

67.3640, 1.2995, 3.1888

Trichromacy



Original Color

63.5000, -18.4875, 3.0695

Protanomaly

63.9950, -19.2245, 6.1434

Deuteranomaly

64.2560, -18.3672, 11.1765

Tritanomaly

65.8280, -5.8312, 3.6588

Monochromacy



Original Color

63.5000, -18.4875, 3.0695

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8770, -6.8414, 0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5000, -18.4875, 3.0695 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(67, 69, 26)` looks like.

```
.text, #text, p{  
    color:rgb(67, 69, 26)  
}
```

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(67, 69, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 69, 26) }
```

Border

The CSS property to change the border of an element to YUV 63.5000, -18.4875, 3.0695 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(67, 69, 26) }
```


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

```
.border{ border-color:rgb(67, 69, 26) }
```

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

Here you see how a box with a 4 pixel rgb(67, 69, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 69, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 69, 26);  
box-shadow:4px 4px 4px 4px rgb(67, 69, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.5000, -18.4875, 3.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 69, 26) }
```

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

```
.background{ background-color: rgb(67, 69,  
26) }
```

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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