

Converting Colors

YUV(63.0250, -28.1133,
10.5021)

Have a look what the booklet for
YUV(63.0250, -28.1133, 10.5021)
contains.

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Color

**YUV(63.0250, -28.1133,
10.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4406
RGB	75, 68, 6
RGB Percent	29%, 27%, 2%
CMY	0.7059, 0.7333, 0.9765
CMYK	0.00, 0.09, 0.92, 0.71
HSL	54°, 85%, 16%
HSV	54°, 92%, 29%
XYZ	5.0016, 5.6432, 0.9979
YIQ	63.0250, 24.0740, -17.7980

Conversions

Conversions Part 2

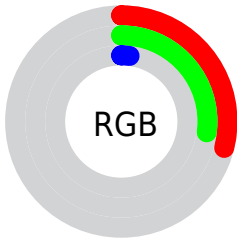
Format	Color
RYB	14, 75, 6
Decimal	4932614
CIELab	28.49, -4.42, 34.86
CIELCh	28, 35.138, 97.221
Yxy	5.6432, 0.4296, 0.4847
Android (android.graphics.Color)	4283122694 (0xFF4B4406)
YUV	63.0250, -28.1133, 10.5021
Hunter-Lab	23.7555, -3.9896, 14.1382

Details

The YUV color **63.0250, -28.1133, 10.5021** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17.9750, 28.1133, -10.5021**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0360, -28.1187, 12.2464**, and **23.3350, -11.5042, 3.2142** is the 20% darker color. If you saturate the color by 10%, you get **61.7540, -30.4447, 11.6167**, and if you desaturate by 10%, it is **64.4100, -25.3451, 9.2874**.

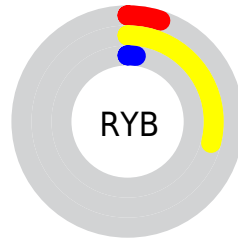
Distribution



Red (29%)

Green (27%)

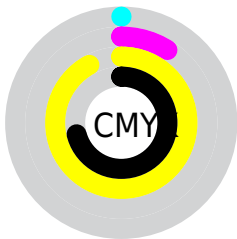
Blue (2%)



Red (5%)

Yellow (29%)

Blue (2%)

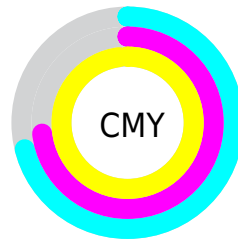


Cyan (0%)

Magenta (9%)

Yellow (92%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0250, -28.1133, 10.5021 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 63.0250, -28.1133, 10.5021 by changing the saturation by 10% instead.

■ 63.0250, -28.1133,
10.5021

■ 63.0250, -28.1133,
10.5021

■ 253.1760, -6.9888,
1.5996

■ 42.2510, -20.8297,
7.6729

■ 112.0360,
-28.1187, 12.2464

■ 23.3350, -11.5042,
3.2142

■ 137.5200,
-28.8504, 13.5760

■ 0.0000, 0.0000,
0.0000

■ 164.4770,
-30.3082, 14.4907

■ 191.6620,
-30.8924, 15.2054

■ 219.7330,
-31.9134, 16.0202

■ 244.4440,

-30.2919, 9.2576

■ 249.8700,
-19.6559, 4.4990

■ 63.0250, -28.1133,
10.5021

■ 63.0250, -28.1133,
10.5021

■ 61.7540, -30.4447,
11.6167

■ 64.4100, -25.3451,
9.2874

■ 65.9090, -22.1401,
7.9728

■ 66.7070, -19.0826,
7.2730

■ 68.2060, -15.8776,
5.9583

■ 69.5910, -13.1094,
4.7437

■ 71.0900, -9.9044,
3.4291

■ 71.8880, -6.8468,
2.7292

■ 73.3870, -3.6418,
1.4146

■ 74.8860, -0.4368,
0.1000

Harmonies

Analogous

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



65.0580, -24.6786, 28.8901



63.0250, -28.1133, 10.5021



60.0590, -19.7491, -12.3297

Triad

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



63.0250, -28.1133, 10.5021



57.6590, 20.3811, -50.5669



68.5430, 10.0853, 31.9728

Complementary

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



63.0250, -28.1133, 10.5021



17.9750, 28.1133, -10.5021

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.



69.1360, 20.6390, 6.8967



63.0250, -28.1133, 10.5021



57.9500, 29.1117, -50.8221

Square

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



63.0250, -28.1133, 10.5021



55.2820, 8.7350, -48.4823



58.4940, 30.8155, -37.2672



65.8190, -1.8828, 44.0087

Rectangle

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



63.0250, -28.1133, 10.5021



54.9730, -9.3537, -33.3023



58.4940, 30.8155, -37.2672



69.1230, 13.7434, 25.3251

Sweetspot

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



63.0250, -28.1133, 10.5021



92.1610, -10.9254, 4.2438



27.5430, -6.6767, 41.6198



45.5890, -6.6994, 2.1144



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.



63.0250, -28.1133, 10.5021



80.0720, -39.4755, 14.8459



59.3600, -26.3065, -9.0857



37.5440, -1.7472, 0.3999



84.5020, -41.6595, 15.3457



189.6920, -93.5182, 35.3501

Inverse Universe

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



17.9750, 28.1133, -10.5021



16.9280, 39.4755, -14.8459



21.6400, 26.3065, 9.0857



35.0430, 1.4578, -0.9147



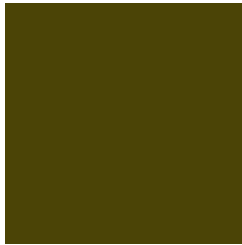
17.4980, 41.6595, -15.3457



39.7210, 93.8075, -34.8353

Previews

White Background



This preview shows how the YUV color 63.0250, -28.1133, 10.5021 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 63.0250, -28.1133, 10.5021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

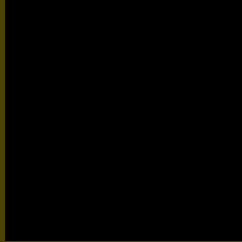
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0250, -28.1133, 10.5021

Background



This preview shows how black text looks on a background with the YUV color 63.0250, -28.1133, 10.5021.



This preview shows how white text looks on a background with the YUV color 63.0250, -28.1133,

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

63.0250, -28.1133, 10.5021

Protanopia

63.3240, -28.2607, 11.1169

Deuteranopia

64.1230, -26.6826, 18.3091



Tritanopia

68.3540, -0.1745, 9.3365

Trichromacy



Original Color

63.0250, -28.1133, 10.5021

Protanomaly

63.3240, -28.2607, 11.1169

Deuteranomaly

63.4000, -26.8192, 15.4352

Tritanomaly

66.6070, -10.6523, 9.9917

Monochromacy



Original Color

63.0250, -28.1133, 10.5021

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9760, -10.3412, 3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0250, -28.1133, 10.5021 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, 68, 6)` looks like.

```
.text, #text, p{  
    color:rgb(75, 68, 6)  
}
```

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, 68, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 68, 6) }
```

Border

The CSS property to change the border of an element to YUV 63.0250, -28.1133, 10.5021 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, 68, 6) }
```


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

```
.border{ border-color:rgb(75, 68, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 68, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 68, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 68, 6); box-shadow:4px  
4px 4px 4px rgb(75, 68, 6) }
```

Background

The CSS property to change the background color of an element to YUV 63.0250, -28.1133, 10.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 68, 6) }
```

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

```
.background{ background-color: rgb(75, 68,  
6) }
```

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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