

Converting Colors

YUV(62.5300, -30.8273, -5.7268)

Have a look what the booklet for
YUV(62.5300, -30.8273, -5.7268)
contains.

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Color

**YUV(62.5300, -30.8273,
-5.7268)**

Conversions

Conversions Part 1

Format	Color
Hex	384E00
RGB	56, 78, 0
RGB Percent	22%, 31%, 0%
CMY	0.7804, 0.6941, 1.0000
CMYK	0.28, 0.00, 1.00, 0.69
HSL	77°, 100%, 15%
HSV	77°, 100%, 31%
XYZ	4.3553, 6.2895, 0.9845
YIQ	62.5300, 11.9260, -28.9220

Conversions

Conversions Part 2

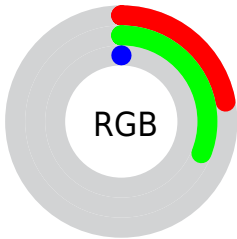
Format	Color
RYB	0, 78, 22
Decimal	3689984
CIELab	30.13, -19.92, 37.87
CIElCh	30, 42.792, 117.745
Yxy	6.2895, 0.3745, 0.5408
Android (android.graphics.Color)	4281880064 (0xFF384E00)
YUV	62.5300, -30.8273, -5.7268
Hunter-Lab	25.0789, -12.8894, 15.2279

Details

The YUV color **62.5300, -30.8273, -5.7268** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **15.4700, 30.8273, 5.7268**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0570, -30.1011, -5.3120**, and **21.1540, -10.4289, -15.0441** is the 20% darker color. If you saturate the color by 10%, you get **62.5300, -30.8273, -5.7268**, and if you desaturate by 10%, it is **64.0400, -27.6277, -5.2971**.

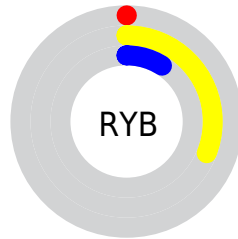
Distribution



Red (22%)

Green (31%)

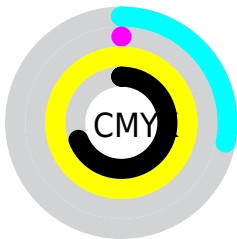
Blue (0%)



Red (0%)

Yellow (31%)

Blue (9%)

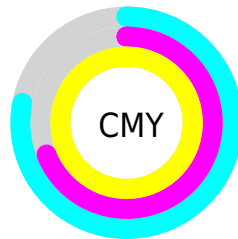


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (78%)


Magenta (69%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 62.5300, -30.8273, -5.7268 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 62.5300, -30.8273, -5.7268 by changing the saturation by 10% instead.


 62.5300, -30.8273,
-5.7268


 62.5300, -30.8273,
-5.7268


 252.9480, -7.8624,
1.7996


 42.1520, -20.7809,
-8.0263


 112.0570,
-30.1011, -5.3120


 21.1540, -10.4289,
-15.0441


 137.9430,
-30.5379, -5.2120

 0.5870, -0.2894,
-0.5148

 164.7150,
-31.4115, -5.0121

 0.0000, 0.0000,
0.0000


 191.9000,
-31.9957, -4.2973


 220.2590,
-33.1587, -4.6121


 243.1610,


-31.1384, 0.7358


 249.6420,
-20.5295, 4.6990


 62.5300, -30.8273,
-5.7268

 64.0400, -27.6277,
-5.2971

 65.5500, -24.4281,
-4.8673

 67.2450, -21.8128,
-3.7229

 68.7550, -18.6132,
-3.2931

 70.2650, -15.4136,
-2.8634

■ 71.7750, -12.2141,
-2.4337

■ 73.2850, -9.0145,
-2.0039

■ 74.9800, -6.3991,
-0.8595

■ 76.4900, -3.1996,
-0.4297

Harmonies

Analogous

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



67.1140, -33.0872, 19.1940



62.5300, -30.8273, -5.7268



52.4830, -9.6051, -46.0276

Triad

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



62.5300, -30.8273, -5.7268



63.1990, 31.4539, -55.4255



67.3670, 3.7631, 53.1751

Complementary

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



62.5300, -30.8273, -5.7268



15.4700, 30.8273, 5.7268

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.



72.0790, 17.2161, 31.5027



62.5300, -30.8273, -5.7268



60.3440, 38.2844, -52.9217

Square

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



62.5300, -30.8273, -5.7268



61.9960, 19.2290, -54.3705



70.9370, 29.1181, -6.0837



66.5400, -12.0982, 53.9004

Rectangle

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



62.5300, -30.8273, -5.7268



56.2790, -0.1375, -49.3567



70.9370, 29.1181, -6.0837



68.8870, 8.4367, 47.4571

Sweetspot

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



62.5300, -30.8273, -5.7268



95.7750, -12.2141, -2.4337



35.6490, -17.5750, 37.1418



47.4530, -7.1253, -1.2743



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.



62.5300, -30.8273, -5.7268



81.7010, -40.2786, -7.6308



51.1680, -25.2258, -29.0883



37.2450, -1.5998, -0.2149



184.3450, -90.8821, -16.9656

Inverse Universe

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



15.4700, 30.8273, 5.7268



20.2990, 40.2786, 7.6308



26.8320, 25.2258, 29.0883



35.0540, 1.4524, 0.8296



45.6550, 90.8821, 16.9656

Previews

White Background



This preview shows how the YUV color 62.5300, -30.8273, -5.7268 looks on a white background.

Color Contrast Check

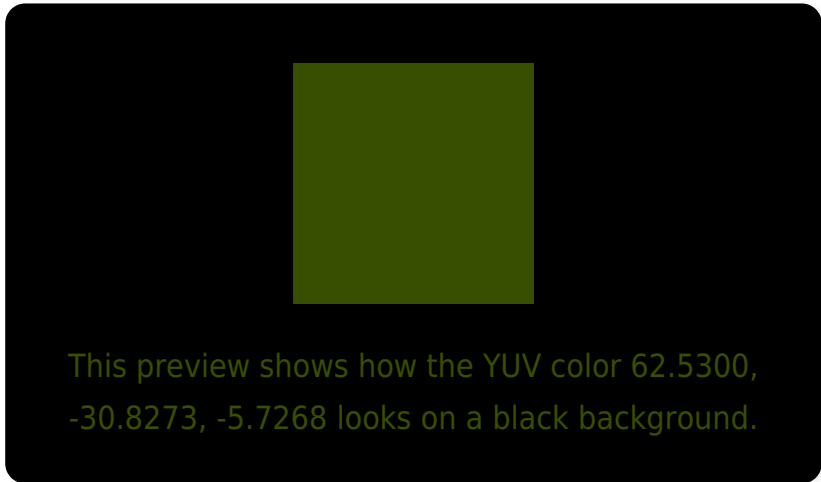
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.5300, -30.8273, -5.7268

Background



This preview shows how black text looks on a background with the YUV color 62.5300, -30.8273, -5.7268.



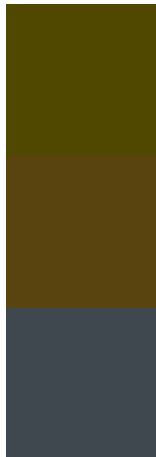
This preview shows how white text looks on a background with the YUV color 62.5300, -30.8273, -5.7268.

-5.7268.

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



Protanopia

65.5970, -32.3393, 12.6314

Deuteranopia

67.6500, -25.9564, 18.7240

Tritanopia

69.9930, 3.9475, -6.1329

Trichromacy



Protanomaly

64.6670, -31.8808, 5.5540

Deuteranomaly

65.8400, -27.5291, 9.7873

Tritanomaly

67.0780, -8.4195, -6.2074

Monochromacy



Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.4160, -11.0511, -2.1188

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5300, -30.8273, -5.7268 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(56, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(56, 78, 0)  
}
```

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(56, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 78, 0) }
```

Border

The CSS property to change the border of an element to YUV 62.5300, -30.8273, -5.7268 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(56, 78, 0) }
```

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

```
.border{ border-color:rgb(56, 78, 0) }
```

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

Here you see how a box with a 4 pixel rgb(56, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 78, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 78, 0); box-shadow:4px  
4px 4px 4px rgb(56, 78, 0) }
```

Background

The CSS property to change the background color of an element to YUV 62.5300, -30.8273, -5.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 78, 0) }
```

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

```
.background{ background-color: rgb(56, 78,  
0) }
```

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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