

Converting Colors

YUV(63.9530, -29.0638,
-11.3598)

Have a look what the booklet for
YUV(63.9530, -29.0638, -11.3598)
contains.

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Color

**YUV(63.9530, -29.0638,
-11.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	335205
RGB	51, 82, 5
RGB Percent	20%, 32%, 2%
CMY	0.8000, 0.6784, 0.9804
CMYK	0.38, 0.00, 0.94, 0.68
HSL	84°, 89%, 17%
HSV	84°, 94%, 32%
XYZ	4.4099, 6.7494, 1.2139
YIQ	63.9530, 6.2410, -30.5190

Conversions

Conversions Part 2

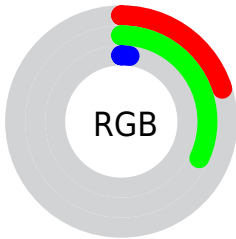
Format	Color
R_{YB}	5, 82, 36
Decimal	3363333
CIE _{Lab}	31.23, -23.91, 36.75
CIE _{LCh}	31, 43.843, 123.046
Yxy	6.7494, 0.3564, 0.5455
Android (android.graphics.Color)	4281553413 (0xFF335205)
YUV	63.9530, -29.0638, -11.3598
Hunter-Lab	25.9795, -15.1644, 15.4153

Details

The YUV color **63.9530, -29.0638, -11.3598** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **23.0470, 29.0638, 11.3598**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0670, -28.6270, -11.4598**, and **21.7190, -10.7075, -19.0476** is the 20% darker color. If you saturate the color by 10%, you get **62.7850, -30.9530, -12.0894**, and if you desaturate by 10%, it is **65.7620, -26.0117, -10.3153**.

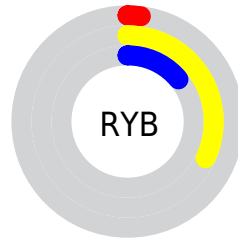
Distribution



Red (20%)

Green (32%)

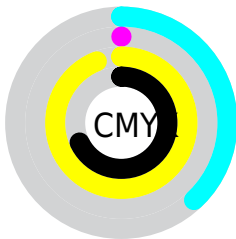
Blue (2%)



Red (2%)

Yellow (32%)

Blue (14%)

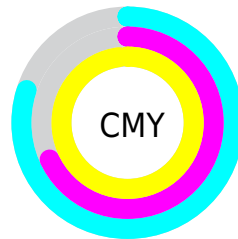


Cyan (38%)

Magenta (0%)

Yellow (94%)

Black (68%)



Cyan (80%)


Magenta (68%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the YUV color 63.9530, -29.0638, -11.3598 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 63.9530, -29.0638, -11.3598 by changing the saturation by 10% instead.


 63.9530, -29.0638,
-11.3598


 63.9530, -29.0638,
-11.3598


 253.5180, -5.6784,
1.2997


 43.0050, -21.2015,
-13.1594


 114.0670,
-28.6270, -11.4598


 21.7190, -10.7075,
-19.0476


 139.8390,
-29.5006, -11.2598

 4.6960, -2.3151,
-4.1184

 166.7250,
-29.9374, -11.1598


 0.0000, 0.0000,
0.0000


 194.0840,
-31.1004, -11.4747


 221.9700,
-31.5372, -11.3747


 241.9370,


-28.0699, -3.4527


 250.2120,
-18.3455, 4.1991


 63.9530, -29.0638,
-11.3598


 63.9530, -29.0638,
-11.3598


 62.7850, -30.9530,
-12.0894

 65.7620, -26.0117,
-10.3153

 67.8700, -23.1069,
-8.6560

 69.7930, -19.6179,
-7.7115

 71.6020, -16.5658,
-6.6670

 73.7100, -13.6610,
-5.0077

■ 75.5190, -10.6089,
-3.9632

■ 77.3280, -7.5567,
-2.9187

■ 79.2510, -4.0677,
-1.9741

■ 81.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



68.5650, -33.8025, 15.2905



63.9530, -29.0638, -11.3598



55.6290, -7.7051, -48.7866

Triad

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



63.9530, -29.0638, -11.3598



65.2850, 34.3695, -57.2549



68.9930, 0.9895, 56.1341

Complementary

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



63.9530, -29.0638, -11.3598



23.0470, 29.0638, 11.3598

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.



73.9550, 15.3052, 37.7505



63.9530, -29.0638, -11.3598



61.3870, 39.7422, -53.8364

Square

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



63.9530, -29.0638, -11.3598



64.7830, 22.2920, -56.8147



74.9380, 27.6386, 1.8084



69.3290, -15.4452, 54.0855

Rectangle

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



63.9530, -29.0638, -11.3598



59.5390, 2.1993, -52.2157



74.9380, 27.6386, 1.8084



70.6380, 6.0945, 52.0605

Sweetspot

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



63.9530, -29.0638, -11.3598



99.9920, -11.3351, -4.3780



46.2200, -20.3215, 31.3791



49.4420, -7.1199, -3.0186



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



63.9530, -29.0638, -11.3598



81.9450, -40.3989, -15.7378



52.5910, -23.4624, -34.7213



39.9460, -1.4524, -0.8296



80.1730, -39.5253, -15.9377



177.7450, -87.6283, -33.9794

Inverse Universe

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



23.0470, 29.0638, 11.3598



25.0550, 40.3989, 15.7378



34.4090, 23.4624, 34.7213



37.7550, 1.5998, 0.2149



24.5280, 39.6727, 15.3229



54.2550, 87.6283, 33.9794

Previews

White Background



This preview shows how the YUV color 63.9530, -29.0638, -11.3598 looks on a white background.

Color Contrast Check

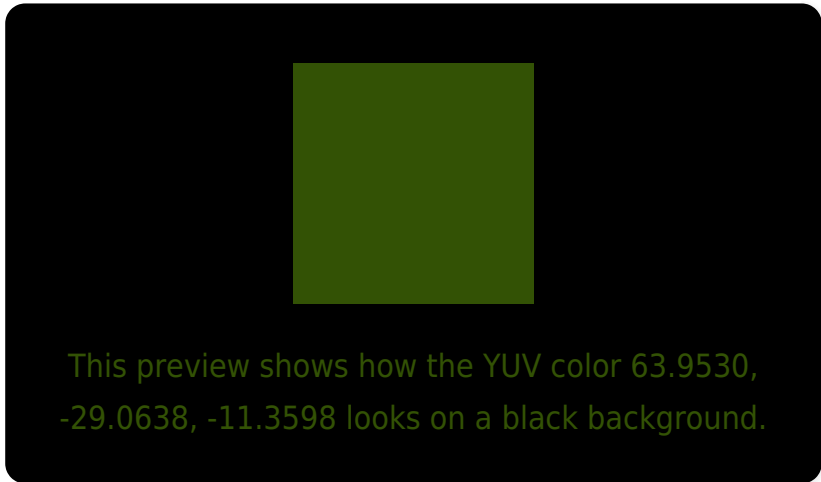
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.9530, -29.0638, -11.3598

Background



This preview shows how black text looks on a background with the YUV color 63.9530, -29.0638, -11.3598.



This preview shows how white text looks on a background with the YUV color 63.9530, -29.0638, -11.3598.

-11.3598.

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

63.9530, -29.0638, -11.3598

Protanopia

68.2550, -33.6497, 12.9314

Deuteranopia

70.5360, -26.3932, 18.8239



Tritanopia

71.9000, 4.9793, -10.4363

Trichromacy



Original Color

63.9530, -29.0638, -11.3598

Protanomaly

66.6560, -31.8754, 3.8097

Deuteranomaly

67.9430, -27.0869, 7.9430

Tritanomaly

68.9850, -7.3876, -10.5108

Monochromacy



Original Color

63.9530, -29.0638, -11.3598

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9530, -29.0638, -11.3598 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(51, 82, 5)` looks like.

```
.text, #text, p{  
    color:rgb(51, 82, 5)  
}
```

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(51, 82, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 82, 5) }
```

Border

The CSS property to change the border of an element to YUV 63.9530, -29.0638, -11.3598 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(51, 82, 5) }
```


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

```
.border{ border-color:rgb(51, 82, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 82, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 82, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 82, 5); box-shadow:4px  
4px 4px 4px rgb(51, 82, 5) }
```

Background

The CSS property to change the background color of an element to YUV 63.9530, -29.0638, -11.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 82, 5) }
```

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

```
.background{ background-color: rgb(51, 82,  
5) }
```

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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