

Converting Colors

YUV(129.8850, -29.5233,
-50.7651)

Have a look what the booklet for
YUV(129.8850, -29.5233, -50.7651)
contains.

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Color

**YUV(129.8850, -29.5233,
-50.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	48AB46
RGB	72, 171, 70
RGB Percent	28%, 67%, 27%
CMY	0.7176, 0.3294, 0.7255
CMYK	0.58, 0.00, 0.59, 0.33
HSL	119°, 42%, 47%
HSV	119°, 59%, 67%
XYZ	18.3409, 30.9457, 10.8008
YIQ	129.8850, -26.5830, -52.3990

Conversions

Conversions Part 2

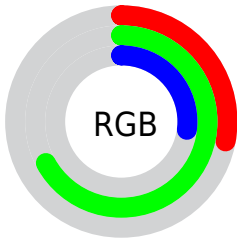
Format	Color
RYB	70, 171, 169
Decimal	4762438
CIELab	62.46, -49.26, 42.70
CIELCh	62, 65.192, 139.085
Yxy	30.9457, 0.3052, 0.5150
Android (android.graphics.Color)	4282952518 (0xFF48AB46)
YUV	129.8850, -29.5233, -50.7651
Hunter-Lab	55.6289, -38.4990, 27.4286

Details

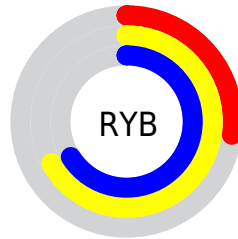
The YUV color **129.8850, -29.5233, -50.7651** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **111.1150, 29.5233, 50.7651**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9130, -32.0021, -49.0357**, and **71.2040, -26.7226, -62.4459** is the 20% darker color. If you saturate the color by 10%, you get **122.8640, -34.4430, -59.5167**, and if you desaturate by 10%, it is **136.9060, -24.6037, -42.0136**.

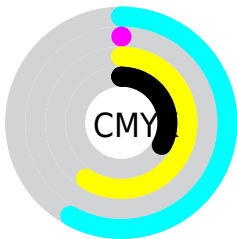
Distribution



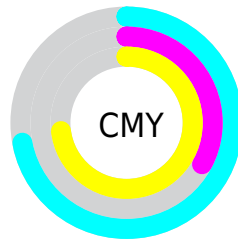
- Red (28%)
- Green (67%)
- Blue (27%)



- Red (27%)
- Yellow (67%)
- Blue (66%)



- Cyan (58%)
- Magenta (0%)
- Yellow (59%)
- Black (33%)



- Cyan (72%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8850, -29.5233, -50.7651 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 129.8850, -29.5233, -50.7651 by changing the saturation by 10% instead.

■ 129.8850,
-29.5233, -50.7651

■ 129.8850,
-29.5233, -50.7651

■ 255.0000, 0.0000,
0.0000

■ 101.6180,
-27.9127, -54.0390

■ 185.9130,
-32.0021, -49.0357

■ 71.2040, -26.7226,
-62.4459

■ 213.7990,
-32.4389, -48.9357

■ 54.0040, -26.6240,
-47.3615

■ 225.5480,
-24.9202, -33.8066

■ 39.3290, -19.3892,
-34.4915

■ 237.4110,
-16.9646, -18.7774

■ 26.4150, -13.0226,
-23.1660

■ 249.6870, -8.7197,
-3.2335

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,

0.0000

■ 129.8850,
-29.5233, -50.7651

■ 129.8850,
-29.5233, -50.7651

■ 122.8640,
-34.4430, -59.5167

■ 136.9060,
-24.6037, -42.0136

■ 115.8430,
-39.3626, -68.2683

■ 143.9270,
-19.6840, -33.2620

■ 109.1210,
-44.4297, -76.4051

■ 150.6490,
-14.6170, -25.1252

■ 102.1000,
-49.3493, -85.1567

■ 157.6700, -9.6973,
-16.3736

■ 101.2740,
-49.9281, -86.1863

■ 164.6910, -4.7777,
-7.6220

■ 171.8260, 0.5788,
1.0296

■ 178.5480, 5.6458,
9.1664

■ 185.5690, 10.5655,
17.9180

■ 192.5900, 15.4851,
26.6696

Harmonies

Analogous

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



139.1960, -57.7776, 5.0901



129.8850, -29.5233, -50.7651



118.3770, 4.2511, -103.8166

Triad

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



129.8850, -29.5233, -50.7651



125.3380, 63.9234, -109.9214



145.9350, -14.2650, 95.6500

Complementary

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



129.8850, -29.5233, -50.7651



111.1150, 29.5233, 50.7651

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.



150.1440, 12.2540, 83.1887



129.8850, -29.5233, -50.7651



146.4770, 53.5018, -33.7443

Square

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



129.8850, -29.5233, -50.7651



129.2700, 53.6039, -113.3698



155.6450, 35.6710, 38.8993



146.5390, -40.6917, 78.4573

Rectangle

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



129.8850, -29.5233, -50.7651



123.6380, 21.8705, -108.4305



155.6450, 35.6710, 38.8993



146.9270, -5.3870, 94.7800

Sweetspot

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



129.8850, -29.5233, -50.7651



205.7790, -11.7230, -19.9772



157.7250, -43.2484, 11.6422



102.0880, -6.9454, -12.3552



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



129.8850, -29.5233, -50.7651



157.6430, -46.1660, -79.4939



134.6450, -8.6990, -56.6937



83.2830, -2.6045, -4.6332



88.9470, -43.8509, -75.3755



13.5010, -6.6560, -11.8404

Inverse Universe

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



111.1150, 29.5233, 50.7651



128.3570, 46.1660, 79.4939



106.3550, 8.6990, 56.6937



81.7170, 2.6045, 4.6332



61.0530, 43.8509, 75.3755



9.2000, 6.8034, 11.2256

Previews

White Background



This preview shows how the YUV color 129.8850, -29.5233, -50.7651 looks on a white 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

Black Background



This preview shows how the YUV color 129.8850, -29.5233, -50.7651 looks on a black 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

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

YUV 129.8850, -29.5233, -50.7651 Background



This preview shows how black text looks on a background with the YUV color 129.8850, -29.5233, -50.7651.



This preview shows how white text looks on a background with the YUV color 129.8850, -29.5233, -50.7651.

-50.7651.

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

129.8850, -29.5233, -50.7651

Protanopia

145.2790, -40.0705, 19.0493

Deuteranopia

147.8490, -34.4356, 31.7044



Tritanopia

142.3460, 15.1124, -40.6454

Trichromacy



Original Color

129.8850, -29.5233, -50.7651

Protanomaly

139.7380, -36.3528, -6.7862

Deuteranomaly

141.1180, -32.5962, 1.6505

Tritanomaly

137.7850, -0.8800, -44.5384

Monochromacy



Original Color

129.8850, -29.5233, -50.7651

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0180, -10.8549, -18.4328

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8850, -29.5233, -50.7651 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(72, 171, 70)` looks like.

```
.text, #text, p{  
    color:rgb(72, 171, 70)  
}
```

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(72, 171, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 171, 70) }
```

Border

The CSS property to change the border of an element to YUV 129.8850, -29.5233, -50.7651 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(72, 171, 70) }
```


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

```
.border{ border-color:rgb(72, 171, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 171, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 171, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 171, 70);  
box-shadow:4px 4px 4px 4px rgb(72, 171,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 129.8850, -29.5233, -50.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 171, 70) }
```

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

```
.background{ background-color: rgb(72, 171,  
70) }
```

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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