

Converting Colors

YUV(128.9990, -29.0865,
-50.8651)

Have a look what the booklet for
YUV(128.9990, -29.0865, -50.8651)
contains.

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Color

**YUV(128.9990, -29.0865,
-50.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	47AA46
RGB	71, 170, 70
RGB Percent	28%, 67%, 27%
CMY	0.7216, 0.3333, 0.7255
CMYK	0.58, 0.00, 0.59, 0.33
HSL	119°, 42%, 47%
HSV	119°, 59%, 67%
XYZ	18.0787, 30.5312, 10.7346
YIQ	128.9990, -26.9040, -52.0880

Conversions

Conversions Part 2

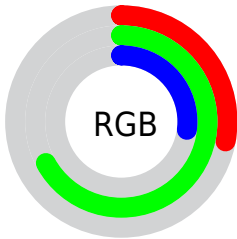
Format	Color
RYB	70, 170, 169
Decimal	4696646
CIELab	62.11, -49.13, 42.28
CIElCh	62, 64.818, 139.286
Yxy	30.5312, 0.3046, 0.5145
Android (android.graphics.Color)	4282886726 (0xFF47AA46)
YUV	128.9990, -29.0865, -50.8651
Hunter-Lab	55.2551, -38.2935, 27.1601

Details

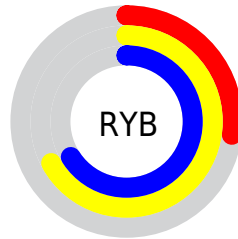
The YUV color **128.9990, -29.0865, -50.8651** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **111.0010, 29.0865, 50.8651**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0270, -31.5653, -49.1357**, and **70.6170, -26.4332, -61.9311** is the 20% darker color. If you saturate the color by 10%, you get **121.9780, -34.0062, -59.6167**, and if you desaturate by 10%, it is **136.0200, -24.1669, -42.1135**.

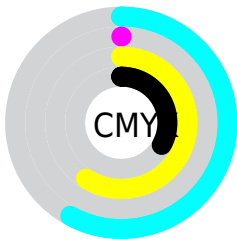
Distribution



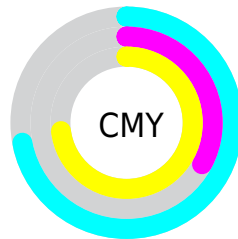
- Red (28%)
- Green (67%)
- Blue (27%)



- 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 128.9990, -29.0865, -50.8651 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 128.9990, -29.0865, -50.8651 by changing the saturation by 10% instead.

■ 128.9990,
-29.0865, -50.8651

■ 128.9990,
-29.0865, -50.8651

■ 255.0000, 0.0000,
0.0000

■ 100.7320,
-27.4759, -54.1390

■ 185.0270,
-31.5653, -49.1357

■ 70.6170, -26.4332,
-61.9311

■ 213.5000,
-32.2915, -49.5505

■ 53.4170, -26.3346,
-46.8467

■ 225.2490,
-24.7728, -34.4214

■ 38.7420, -19.0998,
-33.9767

■ 237.1120,
-16.8172, -19.3922

■ 26.4150, -13.0226,
-23.1660

■ 249.3880, -8.5723,
-3.8483

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,

0.0000

■ 128.9990,
-29.0865, -50.8651

■ 128.9990,
-29.0865, -50.8651

■ 121.9780,
-34.0062, -59.6167

■ 136.0200,
-24.1669, -42.1135

■ 114.9570,
-38.9258, -68.3683

■ 143.0410,
-19.2472, -33.3620

■ 108.2350,
-43.9929, -76.5051

■ 149.7630,
-14.1802, -25.2252

■ 101.2140,
-48.9125, -85.2567

■ 156.7840, -9.2605,
-16.4736

■ 100.3880,
-49.4913, -86.2863

■ 163.8050, -4.3409,
-7.7220

■ 170.8260, 0.5788,
1.0296

■ 177.8470, 5.4984,
9.7812

■ 184.8680, 10.4181,
18.5328

■ 191.5900, 15.4851,
26.6696

Harmonies

Analogous

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



138.0110, -57.1934, 4.3754



128.9990, -29.0865, -50.8651



117.7900, 4.5405, -103.3018

Triad

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



128.9990, -29.0865, -50.8651



124.7510, 64.2128, -109.4066



145.2230, -14.4069, 94.5204

Complementary

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



128.9990, -29.0865, -50.8651



111.0010, 29.0865, 50.8651

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.



148.7310, 11.9646, 82.6739



128.9990, -29.0865, -50.8651



146.1890, 53.6438, -32.6148

Square

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



128.9990, -29.0865, -50.8651



128.4550, 53.0197, -112.6550



154.5310, 35.2342, 38.9993



145.6530, -40.2549, 78.3573

Rectangle

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



128.9990, -29.0865, -50.8651



122.9370, 21.7231, -107.8157



154.5310, 35.2342, 38.9993



145.6280, -5.2396, 94.1652

Sweetspot

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



128.9990, -29.0865, -50.8651



205.4800, -11.5756, -20.5920



157.4260, -43.1010, 11.0274



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.



128.9990, -29.0865, -50.8651



157.3440, -46.0186, -80.1087



134.1720, -7.9728, -56.2788



80.6960, -2.3151, -4.1184



87.1750, -42.9773, -75.5755



11.7400, -5.7878, -10.2960

Inverse Universe

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



111.0010, 29.0865, 50.8651



128.6560, 46.0186, 80.1087



105.8280, 7.9728, 56.2788



79.3040, 2.3151, 4.1184



60.5260, 43.1247, 74.9607



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 128.9990, -29.0865, -50.8651 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 128.9990, -29.0865, -50.8651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

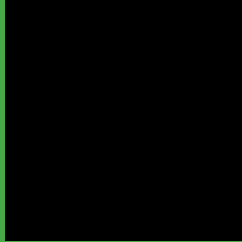
Any Text WCAG AA ✓ Pass

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 128.9990, -29.0865, -50.8651 Background



This preview shows how black text looks on a background with the YUV color 128.9990, -29.0865, -50.8651.



This preview shows how white text looks on a background with the YUV color 128.9990, -29.0865, -50.8651.

-50.8651.

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

128.9990, -29.0865, -50.8651

Protanopia

144.3930, -39.6337, 18.9493

Deuteranopia

146.9630, -33.9988, 31.6044



Tritanopia

141.9330, 14.8230, -41.1602

Trichromacy



Original Color

128.9990, -29.0865, -50.8651

Protanomaly

138.8520, -35.9160, -6.8862

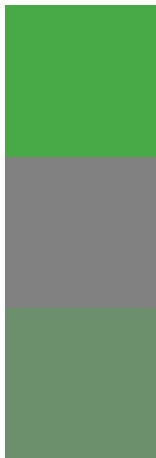
Deuteranomaly

140.2320, -32.1594, 1.5505

Tritanomaly

137.3720, -1.1694, -45.0532

Monochromacy



Original Color

128.9990, -29.0865, -50.8651

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1320, -10.4181, -18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9990, -29.0865, -50.8651 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(71, 170, 70)` looks like.

```
.text, #text, p{  
    color:rgb(71, 170, 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(71, 170, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 170, 70) }
```

Border

The CSS property to change the border of an element to YUV 128.9990, -29.0865, -50.8651 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(71, 170, 70) }
```


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

```
.border{ border-color:rgb(71, 170, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 170, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 170, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 170, 70);  
box-shadow:4px 4px 4px 4px rgb(71, 170,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 128.9990, -29.0865, -50.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 170, 70) }
```

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

```
.background{ background-color: rgb(71, 170,  
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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