

Converting Colors

YUV(127.5180, -29.3424,
-15.3633)

Have a look what the booklet for
YUV(127.5180, -29.3424, -15.3633)
contains.

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Color

**YUV(127.5180, -29.3424,
-15.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9444
RGB	110, 148, 68
RGB Percent	43%, 58%, 27%
CMY	0.5686, 0.4196, 0.7333
CMYK	0.26, 0.00, 0.54, 0.42
HSL	88°, 37%, 42%
HSV	88°, 54%, 58%
XYZ	18.0637, 24.9122, 9.3253
YIQ	127.5180, 3.0320, -32.9360

Conversions

Conversions Part 2

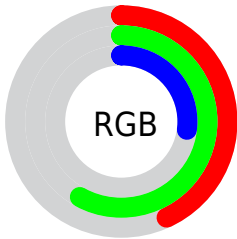
Format	Color
RYB	68, 148, 106
Decimal	7246916
CIELab	56.99, -27.14, 37.69
CIElCh	57, 46.442, 125.761
Yxy	24.9122, 0.3454, 0.4763
Android (android.graphics.Color)	4285436996 (0xFF6E9444)
YUV	127.5180, -29.3424, -15.3633
Hunter-Lab	49.9121, -22.7451, 23.8610

Details

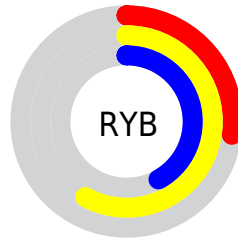
The YUV color **127.5180, -29.3424, -15.3633** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **88.4820, 29.3424, 15.3633**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7630, -30.9422, -15.5782**, and **76.6320, -28.9056, -15.4633** is the 20% darker color. If you saturate the color by 10%, you get **123.7150, -34.8625, -18.1671**, and if you desaturate by 10%, it is **131.3210, -23.8223, -12.5595**.

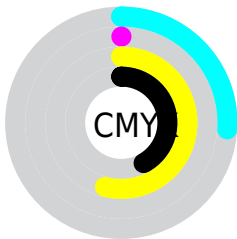
Distribution



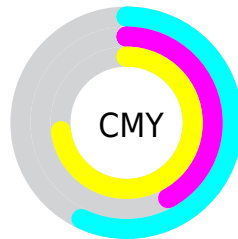
- Red (43%)
- Green (58%)
- Blue (27%)



- Red (27%)
- Yellow (58%)
- Blue (42%)



- Cyan (26%)
- Magenta (0%)
- Yellow (54%)
- Black (42%)



- Cyan (57%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5180, -29.3424, -15.3633 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 127.5180, -29.3424, -15.3633 by changing the saturation by 10% instead.

■ 127.5180,
-29.3424, -15.3633

■ 127.5180,
-29.3424, -15.3633

■ 255.0000, 0.0000,
0.0000

■ 101.7460,
-28.4688, -15.5632

■ 180.7630,
-30.9422, -15.5782

■ 76.6320, -28.9056,
-15.4633

■ 208.6490,
-31.3790, -15.4782

■ 53.0170, -26.1374,
-16.6779

■ 235.0730,
-31.0950, -13.2190

■ 31.4430, -15.5014,
-21.4365

■ 246.8220,
-23.5762, 1.9101

■ 18.1970, -8.9711,
-15.9588

■ 251.9220,
-11.7935, 2.6994

■ 0.0000, 0.0000,
0.0000

■ 127.5180,
-29.3424, -15.3633

■ 127.5180,
-29.3424, -15.3633

■ 123.7150,
-34.8625, -18.1671

■ 131.3210,
-23.8223, -12.5595

■ 119.9120,
-40.3826, -20.9708

■ 135.1240,
-18.3021, -9.7557

■ 116.2230,
-45.4659, -23.8746

■ 138.8130,
-13.2188, -6.8520

■ 112.4200,
-50.9861, -26.6783

■ 142.6160, -7.6987,
-4.0482

■ 110.1980,
-54.3276, -28.2376

■ 146.4190, -2.1786,
-1.2445

■ 150.2220, 3.3416,
1.5593

■ 154.0250, 8.8617,
4.3631

■ 157.7140, 13.9450,

7.2668

■ 161.5170, 19.4651,
10.0706

Harmonies

Analogous

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



132.0940, -39.4863, 18.3346



127.5180, -29.3424, -15.3633



117.5630, -7.6726, -59.2528

Triad

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



127.5180, -29.3424, -15.3633



111.9900, 48.3189, -98.2152



137.1960, -3.5476, 64.7261

Complementary

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



127.5180, -29.3424, -15.3633



88.4820, 29.3424, 15.3633

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.



140.5970, 14.9887, 45.9574



127.5180, -29.3424, -15.3633



129.3540, 43.2095, -45.9145

Square

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



127.5180, -29.3424, -15.3633



112.4340, 34.7890, -98.6046



140.1930, 30.9639, 8.6007



136.0760, -21.7295, 63.0773

Rectangle

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



127.5180, -29.3424, -15.3633



106.8650, 10.9126, -93.7206



140.1930, 30.9639, 8.6007



138.4820, 2.7204, 60.9673

Sweetspot

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



127.5180, -29.3424, -15.3633



183.3940, -11.0402, -5.6075



113.6390, -22.5000, 30.1346



92.1430, -6.9725, -3.6334



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



127.5180, -29.3424, -15.3633



159.2230, -45.4659, -23.8746



115.8570, -23.5935, -39.3396



72.0060, -2.4680, -1.7593



102.5340, -50.5493, -26.7783



7.3650, -3.6309, -2.0741

Inverse Universe

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



88.4820, 29.3424, 15.3633



98.7770, 45.4659, 23.8746



100.1430, 23.5935, 39.3396



68.6950, 2.6154, 1.1445



35.1670, 50.6967, 26.1635



2.6350, 3.6309, 2.0741

Previews

White Background



This preview shows how the YUV color 127.5180, -29.3424, -15.3633 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5180, -29.3424, -15.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

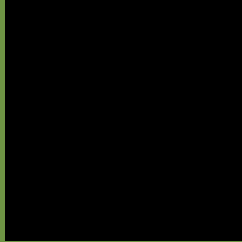
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.5180, -29.3424, -15.3633 Background



This preview shows how black text looks on a background with the YUV color 127.5180, -29.3424, -15.3633.



This preview shows how white text looks on a background with the YUV color 127.5180, -29.3424, -15.3633.

-15.3633.

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

127.5180, -29.3424, -15.3633

Protanopia

132.2770, -33.6606, 16.4201

Deuteranopia

134.5650, -30.3515, 28.4455



Tritanopia

134.8720, 7.4581, -12.1657

Trichromacy



Original Color

127.5180, -29.3424, -15.3633

Protanomaly

130.2540, -32.1702, 5.0392

Deuteranomaly

132.1670, -30.1553, 12.1315

Tritanomaly

132.0170, -5.9244, -13.1699

Monochromacy



Original Color

127.5180, -29.3424, -15.3633

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.5080, -10.6034, -5.7075

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5180, -29.3424, -15.3633 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(110, 148, 68)` looks like.

```
.text, #text, p{  
    color:rgb(110, 148, 68)  
}
```

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(110, 148, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 148, 68) }
```

Border

The CSS property to change the border of an element to YUV 127.5180, -29.3424, -15.3633 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(110, 148, 68) }
```


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

```
.border{ border-color:rgb(110, 148, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 148, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 148, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 148, 68);  
box-shadow:4px 4px 4px 4px rgb(110, 148,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 127.5180, -29.3424, -15.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 148, 68) }
```

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

```
.background{ background-color: rgb(110,  
148, 68) }
```

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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