

Converting Colors

YUV(121.8060, -29.4844,
-16.4929)

Have a look what the booklet for
YUV(121.8060, -29.4844, -16.4929)
contains.

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Color

**YUV(121.8060, -29.4844,
-16.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	678F3E
RGB	103, 143, 62
RGB Percent	40%, 56%, 24%
CMY	0.5961, 0.4392, 0.7569
CMYK	0.28, 0.00, 0.57, 0.44
HSL	90°, 40%, 40%
HSV	90°, 57%, 56%
XYZ	16.2855, 22.8763, 8.1147
YIQ	121.8060, 2.1610, -33.6710

Conversions

Conversions Part 2

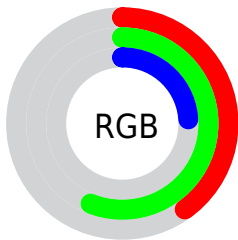
Format	Color
RYB	62, 143, 102
Decimal	6786878
CIELab	54.94, -28.09, 38.15
CIElCh	55, 47.376, 126.359
Yxy	22.8763, 0.3445, 0.4839
Android (android.graphics.Color)	4284976958 (0xFF678F3E)
YUV	121.8060, -29.4844, -16.4929
Hunter-Lab	47.8292, -22.9231, 23.4213

Details

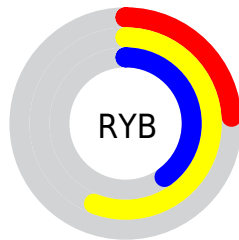
The YUV color **121.8060, -29.4844, -16.4929** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **83.1940, 29.4844, 16.4929**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0510, -31.0841, -16.7077**, and **70.8060, -29.4844, -16.4929** is the 20% darker color. If you saturate the color by 10%, you get **118.1170, -34.5677, -19.3966**, and if you desaturate by 10%, it is **125.4950, -24.4010, -13.5891**.

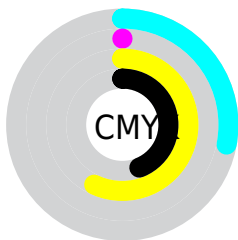
Distribution



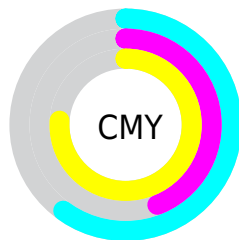
- Red (40%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (40%)



- Cyan (28%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8060, -29.4844, -16.4929 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 121.8060, -29.4844, -16.4929 by changing the saturation by 10% instead.

■ 121.8060,
-29.4844, -16.4929

■ 121.8060,
-29.4844, -16.4929

■ 255.0000, 0.0000,
0.0000

■ 96.0340, -28.6108,
-16.6928

■ 175.0510,
-31.0841, -16.7077

■ 70.8060, -29.4844,
-16.4929

■ 202.8230,
-31.9577, -16.5078

■ 47.9890, -23.6586,
-18.4074

■ 231.2960,
-32.6839, -16.9226

■ 27.0020, -13.3120,
-23.6808

■ 243.7460,
-25.0178, -2.4082

■ 15.2620, -7.5242,
-13.3848

■ 251.1240,
-14.8511, 3.3993

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 121.8060,
-29.4844, -16.4929

■ 121.8060,
-29.4844, -16.4929

■ 118.1170,
-34.5677, -19.3966

■ 125.4950,
-24.4010, -13.5891

■ 114.3140,
-40.0878, -22.2004

■ 129.2980,
-18.8809, -10.7853

■ 110.6250,
-45.1711, -25.1041

■ 132.9870,
-13.7976, -7.8816

■ 106.9360,
-50.2544, -28.0079

■ 136.6760, -8.7143,
-4.9779

■ 105.4690,
-51.9962, -29.3523

■ 140.4790, -3.1941,
-2.1741

■ 144.1680, 1.8892,
0.7297

■ 147.8570, 6.9725,
3.6334

■ 151.5460, 12.0558,
6.5372

■ 155.6480, 17.4285,
9.9557

Harmonies

Analogous

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



126.2680, -40.0651, 17.3050



121.8060, -29.4844, -16.4929



109.5840, -6.2039, -63.6562

Triad

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



121.8060, -29.4844, -16.4929



108.5990, 48.0187, -95.2413



131.7940, -3.8424, 65.9557

Complementary

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



121.8060, -29.4844, -16.4929



83.1940, 29.4844, 16.4929

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.



134.6080, 14.9833, 47.7018



121.8060, -29.4844, -16.4929



122.9840, 44.3779, -47.3440

Square

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



121.8060, -29.4844, -16.4929



108.4560, 34.7782, -95.1159



134.6060, 31.2532, 9.1155



130.2610, -22.3137, 63.7921

Rectangle

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



121.8060, -29.4844, -16.4929



102.8870, 10.9017, -90.2319



134.6060, 31.2532, 9.1155



132.7810, 2.5730, 61.5821

Sweetspot

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



121.8060, -29.4844, -16.4929



177.9810, -11.3296, -6.1223



109.1120, -23.2262, 29.7198



89.1430, -6.9725, -3.6334



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.8060, -29.4844, -16.4929



153.0980, -45.8973, -25.5189



109.8460, -23.5881, -41.0839



69.3050, -2.6154, -1.1445



99.5770, -49.0915, -27.6930



5.8920, -2.9048, -1.6593

Inverse Universe

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



83.1940, 29.4844, 16.4929



92.9020, 45.8973, 25.5189



95.1540, 23.5881, 41.0839



65.9940, 2.4680, 1.7593



35.4230, 49.0915, 27.6930



2.1080, 2.9048, 1.6593

Previews

White Background



This preview shows how the YUV color 121.8060, -29.4844, -16.4929 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 121.8060, -29.4844, -16.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

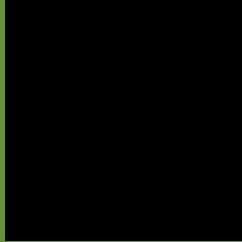
Any Text WCAG AA ✓ Pass

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 121.8060, -29.4844, -16.4929 Background



This preview shows how black text looks on a background with the YUV color 121.8060, -29.4844, -16.4929.



This preview shows how white text looks on a background with the YUV color 121.8060, -29.4844, -16.4929.

-16.4929.

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

121.8060, -29.4844, -16.4929

Protanopia

127.1630, -34.0974, 16.5200

Deuteranopia

129.1520, -30.6409, 27.9307



Tritanopia

129.5730, 7.6055, -12.7805

Trichromacy



Original Color

121.8060, -29.4844, -16.4929

Protanomaly

124.8410, -32.4596, 4.5244

Deuteranomaly

126.7540, -30.4447, 11.6167

Tritanomaly

126.7180, -5.7770, -13.7847

Monochromacy



Original Color

121.8060, -29.4844, -16.4929

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0950, -10.8928, -6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8060, -29.4844, -16.4929 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(103, 143, 62)` looks like.

```
.text, #text, p{  
    color:rgb(103, 143, 62)  
}
```

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(103, 143, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 143, 62) }
```

Border

The CSS property to change the border of an element to YUV 121.8060, -29.4844, -16.4929 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(103, 143, 62) }
```


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

```
.border{ border-color:rgb(103, 143, 62) }
```

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

Here you see how a box with a 4 pixel rgb(103, 143, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 143, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 143, 62);  
box-shadow:4px 4px 4px 4px rgb(103, 143,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 121.8060, -29.4844, -16.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 143, 62) }
```

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

```
.background{ background-color: rgb(103,  
143, 62) }
```

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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