

Converting Colors

YUV(127.7260, -34.8679,
-16.4227)

Have a look what the booklet for
YUV(127.7260, -34.8679, -16.4227)
contains.

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Color

**YUV(127.7260, -34.8679,
-16.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9739
RGB	109, 151, 57
RGB Percent	43%, 59%, 22%
CMY	0.5725, 0.4078, 0.7765
CMYK	0.28, 0.00, 0.62, 0.41
HSL	87°, 45%, 41%
HSV	87°, 62%, 59%
XYZ	18.1118, 25.6798, 7.8730
YIQ	127.7260, 5.1420, -38.1380

Conversions

Conversions Part 2

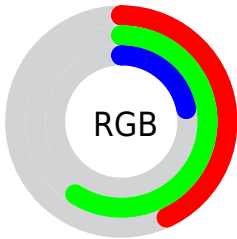
Format	Color
RYB	57, 151, 99
Decimal	7182137
CIELab	57.73, -30.08, 43.80
CIELCh	58, 53.139, 124.482
Yxy	25.6798, 0.3506, 0.4970
Android (android.graphics.Color)	4285372217 (0xFF6D9739)
YUV	127.7260, -34.8679, -16.4227
Hunter-Lab	50.6753, -24.8842, 26.2613

Details

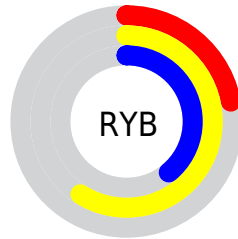
The YUV color **127.7260, -34.8679, -16.4227** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **80.2740, 34.8679, 16.4227**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3840, -36.1783, -16.1228**, and **75.7430, -37.3413, -16.4376** is the 20% darker color. If you saturate the color by 10%, you get **123.9230, -40.3880, -19.2265**, and if you desaturate by 10%, it is **131.5290, -29.3478, -13.6189**.

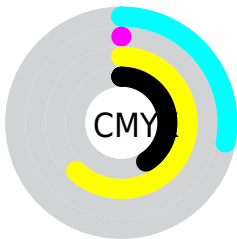
Distribution



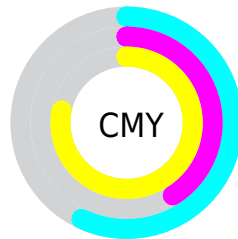
- Red (43%)
- Green (59%)
- Blue (22%)



- Red (22%)
- Yellow (59%)
- Blue (39%)



- Cyan (28%)
- Magenta (0%)
- Yellow (62%)
- Black (41%)



- Cyan (57%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7260, -34.8679, -16.4227 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 127.7260, -34.8679, -16.4227 by changing the saturation by 10% instead.

■ 127.7260,
-34.8679, -16.4227

■ 127.7260,
-34.8679, -16.4227

■ 255.0000, 0.0000,
0.0000

■ 101.7260,
-34.8679, -16.4227

■ 181.3840,
-36.1783, -16.1228

■ 75.7430, -37.3413,
-16.4376

■ 209.7430,
-37.3413, -16.4376

■ 54.1800, -26.7107,
-19.4519

■ 233.8190,
-35.8998, -12.1193

■ 30.5240, -15.0483,
-26.7695

■ 245.6820,
-27.9442, 2.9099

■ 19.3710, -9.5499,
-16.9884

■ 250.6680,
-16.5983, 3.7992

■ 0.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,

0.8998

■ 127.7260,
-34.8679, -16.4227

■ 127.7260,
-34.8679, -16.4227

■ 123.9230,
-40.3880, -19.2265

■ 131.5290,
-29.3478, -13.6189

■ 120.4190,
-46.0556, -21.4155

■ 135.0330,
-23.6803, -11.4299

■ 116.6160,
-51.5757, -24.2192

■ 138.8360,
-18.1601, -8.6262

■ 113.7530,
-56.0802, -26.0934

■ 142.6390,
-12.6400, -5.8224

■ 146.4420, -7.1199,
-3.0186

■ 150.0600, -1.0156,
-0.9296

■ 153.8630, 4.5045,
1.8741

■ 157.6660, 10.0247,
4.6779

■ 161.4690, 15.5448,
7.4817

Harmonies

Analogous

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



132.8680, -46.7699, 21.1638



127.7260, -34.8679, -16.4227



112.4750, -7.6292, -73.2076

Triad

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



127.7260, -34.8679, -16.4227



115.7060, 52.4029, -101.4742



138.3050, -2.1224, 74.2775

Complementary

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



127.7260, -34.8679, -16.4227



80.2740, 34.8679, 16.4227

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.



142.2540, 18.6088, 51.5202



127.7260, -34.8679, -16.4227



124.3390, 52.5839, -66.0723

Square

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



127.7260, -34.8679, -16.4227



115.5800, 36.6891, -101.3637



141.6750, 36.6422, 7.3010



136.6750, -23.5038, 72.1990

Rectangle

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



127.7260, -34.8679, -16.4227



109.0990, 9.3182, -95.6798



141.6750, 36.6422, 7.3010



139.1070, 4.8772, 69.1892

Sweetspot

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



127.7260, -34.8679, -16.4227



186.9980, -13.8030, -6.1372



109.1730, -25.7213, 36.6823



93.5020, -8.1355, -3.9483



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.7260, -34.8679, -16.4227



159.8070, -54.6279, -25.2637



113.9720, -28.0872, -44.7024



74.8920, -2.9048, -1.6593



105.5020, -52.0125, -24.1193



9.7240, -4.7939, -2.3889

Inverse Universe

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



80.2740, 34.8679, 16.4227



85.4920, 54.4804, 25.8785



94.0280, 28.0872, 44.7024



70.8090, 3.0522, 1.0445



34.7970, 51.8651, 24.7340



3.2760, 4.7939, 2.3889

Previews

White Background



This preview shows how the YUV color 127.7260, -34.8679, -16.4227 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 127.7260, -34.8679, -16.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

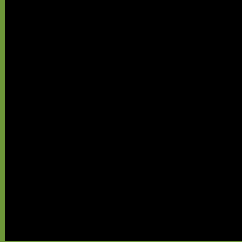
Any Text WCAG AA ✓ Pass

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 127.7260, -34.8679, -16.4227 Background



This preview shows how black text looks on a background with the YUV color 127.7260, -34.8679, -16.4227.



This preview shows how white text looks on a background with the YUV color 127.7260, -34.8679, -16.4227.

-16.4227.

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

127.7260, -34.8679, -16.4227

Protanopia

133.0940, -39.4863, 18.3346

Deuteranopia

135.7950, -35.8879, 30.8748



Tritanopia

136.6870, 8.0423, -12.8805

Trichromacy



Original Color

127.7260, -34.8679, -16.4227

Protanomaly

131.3590, -38.1380, 5.8242

Deuteranomaly

132.7990, -35.3969, 13.3313

Tritanomaly

133.5500, -7.6661, -14.5143

Monochromacy



Original Color

127.7260, -34.8679, -16.4227

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6390, -12.6400, -5.8224

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7260, -34.8679, -16.4227 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(109, 151, 57)` looks like.

```
.text, #text, p{  
    color:rgb(109, 151, 57)  
}
```

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(109, 151, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 151, 57) }
```

Border

The CSS property to change the border of an element to YUV 127.7260, -34.8679, -16.4227 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(109, 151, 57) }
```


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

```
.border{ border-color:rgb(109, 151, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 151, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 151, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 151, 57);  
box-shadow:4px 4px 4px 4px rgb(109, 151,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 127.7260, -34.8679, -16.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 151, 57) }
```

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

```
.background{ background-color: rgb(109,  
151, 57) }
```

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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