

Converting Colors

YUV(127.8070, -14.2019,
-18.2477)

Have a look what the booklet for
YUV(127.8070, -14.2019, -18.2477)
contains.

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Color

**YUV(127.8070, -14.2019,
-18.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9063
RGB	107, 144, 99
RGB Percent	42%, 56%, 39%
CMY	0.5804, 0.4353, 0.6118
CMYK	0.26, 0.00, 0.31, 0.44
HSL	109°, 19%, 48%
HSV	109°, 31%, 56%
XYZ	18.2888, 23.9732, 15.4677
YIQ	127.8070, -7.6070, -21.8390

Conversions

Conversions Part 2

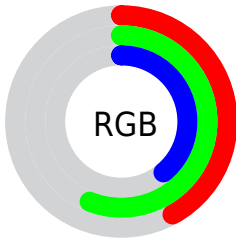
Format	Color
RYB	99, 144, 136
Decimal	7049315
CIELab	56.06, -21.95, 19.89
CIElCh	56, 29.618, 137.821
Yxy	23.9732, 0.3168, 0.4153
Android (android.graphics.Color)	4285239395 (0xFF6B9063)
YUV	127.8070, -14.2019, -18.2477
Hunter-Lab	48.9624, -19.0096, 15.5433

Details

The YUV color **127.8070, -14.2019, -18.2477** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.1930, 14.2019, 18.2477**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8670, -15.2174, -19.1774**, and **77.8610, -12.7495, -17.4181** is the 20% darker color. If you saturate the color by 10%, you get **122.6230, -18.5481, -24.2254**, and if you desaturate by 10%, it is **132.9910, -9.8556, -12.2701**.

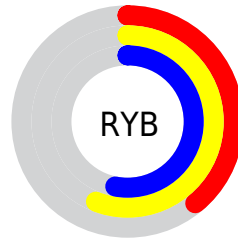
Distribution



Red (42%)

Green (56%)

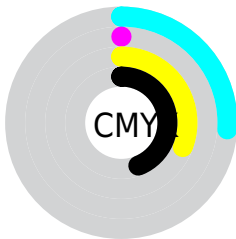
Blue (39%)



Red (39%)

Yellow (56%)

Blue (53%)

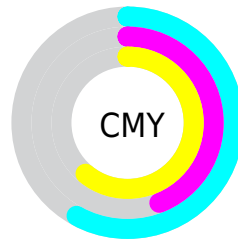


Cyan (26%)

Magenta (0%)

Yellow (31%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8070, -14.2019, -18.2477 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 127.8070, -14.2019, -18.2477 by changing the saturation by 10% instead.

■ 127.8070,
-14.2019, -18.2477

■ 127.8070,
-14.2019, -18.2477

■ 255.0000, 0.0000,
0.0000

■ 102.3340,
-13.4757, -17.8329

■ 180.8670,
-15.2174, -19.1774

■ 77.8610, -12.7495,
-17.4181

■ 208.7530,
-15.6542, -19.0774

■ 54.9750, -12.3127,
-17.5181

■ 237.2260,
-16.3804, -19.4922

■ 31.9750, -12.3127,
-17.5181

■ 248.9040, -7.8407,
-5.1778

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 127.8070,
-14.2019, -18.2477

■ 127.8070,
-14.2019, -18.2477

■ 122.6230,
-18.5481, -24.2254

■ 132.9910, -9.8556,
-12.2701

■ 117.3250,
-23.3312, -30.1030

■ 138.2890, -5.0725,
-6.3925

■ 112.1410,
-27.6775, -36.0807

■ 143.4730, -0.7262,
-0.4148

■ 107.1420,
-32.6080, -41.3435

■ 148.4720, 4.2043,
4.8481

■ 101.9580,
-36.9543, -47.3212

■ 153.6560, 8.5506,
10.8257

■ 96.7740, -41.3006,
-53.2988

■ 158.8400, 12.8969,
16.8033

■ 92.3020, -45.5049,
-58.1469

■ 164.1380, 17.6800,
22.6810

■ 169.3220, 22.0263,

28.6586

■ 174.6200, 26.8093,
34.5363

Harmonies

Analogous

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



131.3600, -22.8555, 4.0693



127.8070, -14.2019, -18.2477



123.3230, -0.1592, -42.3793

Triad

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



127.8070, -14.2019, -18.2477



127.3750, 27.9161, -40.6709



136.5000, -8.1345, 42.5345

Complementary

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



127.8070, -14.2019, -18.2477



115.1930, 14.2019, 18.2477

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.



137.9580, 3.9647, 35.1168



127.8070, -14.2019, -18.2477



134.8240, 23.7508, -11.2466

Square

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



127.8070, -14.2019, -18.2477



118.4660, 26.3923, -65.3067



137.5240, 15.5177, 16.2035



135.6060, -19.0328, 38.0565

Rectangle

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



127.8070, -14.2019, -18.2477



118.9820, 10.3619, -56.9892



137.5240, 15.5177, 16.2035



137.1130, -4.4927, 41.1199

Sweetspot

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



127.8070, -14.2019, -18.2477



179.8760, -5.3619, -6.9073



134.1740, -17.3408, 8.6174



90.4680, -3.1887, -3.9184



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.



127.8070, -14.2019, -18.2477



160.5640, -22.4631, -28.5586



127.0110, -6.9074, -24.5656



68.7070, -2.3206, -2.3740



86.4210, -42.6056, -54.7432



4.9950, -2.4625, -3.5036

Inverse Universe

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



115.1930, 14.2019, 18.2477



140.7350, 22.3156, 29.1734



115.9890, 6.9074, 24.5656



66.5920, 2.1731, 2.9888



48.5790, 42.6056, 54.7432



2.7060, 2.6099, 2.8888

Previews

White Background



This preview shows how the YUV color 127.8070, -14.2019, -18.2477 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 127.8070, -14.2019, -18.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

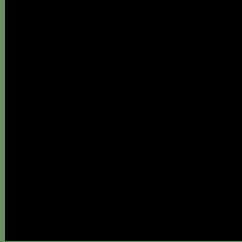
Any Text WCAG AA ✓ Pass

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 127.8070, -14.2019, -18.2477 Background



This preview shows how black text looks on a background with the YUV color 127.8070, -14.2019, -18.2477.



This preview shows how white text looks on a background with the YUV color 127.8070, -14.2019, -18.2477.

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

127.8070, -14.2019, -18.2477

Protanopia

132.5440, -18.5092, 10.0469

Deuteranopia

133.7070, -15.6316, 20.4280



Tritanopia

132.3770, 8.1951, -15.2396

Trichromacy



Original Color

127.8070, -14.2019, -18.2477

Protanomaly

131.1190, -17.3137, -0.1044

Deuteranomaly

131.7330, -15.1514, 6.3732

Tritanomaly

130.6020, 0.1962, -16.3140

Monochromacy



Original Color

127.8070, -14.2019, -18.2477

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8760, -5.3619, -6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8070, -14.2019, -18.2477 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(107, 144, 99)` looks like.

```
.text, #text, p{  
    color:rgb(107, 144, 99)  
}
```

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(107, 144, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 144, 99) }
```

Border

The CSS property to change the border of an element to YUV 127.8070, -14.2019, -18.2477 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(107, 144, 99) }
```


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

```
.border{ border-color:rgb(107, 144, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 144, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 144, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 144, 99);  
box-shadow:4px 4px 4px 4px rgb(107, 144,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 127.8070, -14.2019, -18.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 144, 99) }
```

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

```
.background{ background-color: rgb(107,  
144, 99) }
```

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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