

Converting Colors

YUV(127.1780, -0.0878,
-18.5731)

Have a look what the booklet for
YUV(127.1780, -0.0878, -18.5731)
contains.

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Color

**YUV(127.1780, -0.0878,
-18.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8A7F
RGB	106, 138, 127
RGB Percent	42%, 54%, 50%
CMY	0.5843, 0.4588, 0.5020
CMYK	0.23, 0.00, 0.08, 0.46
HSL	159°, 13%, 48%
HSV	159°, 23%, 54%
XYZ	18.8631, 22.7734, 23.4802
YIQ	127.1780, -15.5410, -10.2050

Conversions

Conversions Part 2

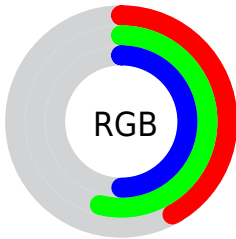
Format	Color
R_{YB}	106, 125, 138
Decimal	6982271
CIE Lab	54.84, -13.69, 2.20
CIE LCh	55, 13.863, 170.867
Yxy	22.7734, 0.2897, 0.3497
Android (android.graphics.Color)	4285172351 (0xFF6A8A7F)
YUV	127.1780, -0.0878, -18.5731
Hunter-Lab	47.7215, -12.9562, 4.2329

Details

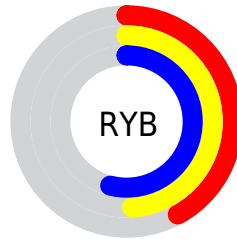
The YUV color $127.1780, -0.0878, -18.5731$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $116.8220, 0.0878, 18.5731$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.4660, -0.2297, -19.7027$, and $77.8900, 0.0542, -17.4435$ is the 20% darker color. If you saturate the color by 10%, you get $122.4220, -0.2080, -26.6801$, and if you desaturate by 10%, it is $131.9340, 0.0325, -10.4661$.

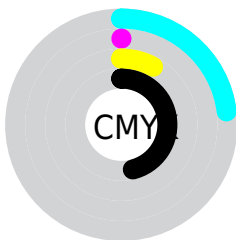
Distribution



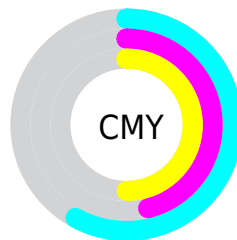
- Red (42%)
- Green (54%)
- Blue (50%)



- Red (42%)
- Yellow (49%)
- Blue (54%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (46%)



- Cyan (58%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1780, -0.0878, -18.5731 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 127.1780, -0.0878, -18.5731 by changing the saturation by 10% instead.

■ 127.1780, -0.0878,
-18.5731

■ 127.1780, -0.0878,
-18.5731

■ 255.0000, 0.0000,
0.0000

■ 102.1780, -0.0878,
-18.5731

■ 180.4660, -0.2297,
-19.7027

■ 77.8900, 0.0542,
-17.4435

■ 207.4660, -0.2297,
-19.7027

■ 54.8900, 0.0542,
-17.4435

■ 236.0530, -0.5191,
-20.2175

■ 32.4170, 0.7804,
-17.0287

■ 250.8140, 2.0637,
-8.6069

■ 14.8690, -1.4144,
-13.0401

■ 0.0000, 0.0000,
0.0000

■ 127.1780, -0.0878,
-18.5731

■ 127.1780, -0.0878,
-18.5731

■ 122.4220, -0.2080,
-26.6801

■ 131.9340, 0.0325,
-10.4661

■ 117.7800, 0.1085,
-34.8871

■ 136.5760, -0.2840,
-2.2592

■ 113.3230, -0.1592,
-42.3793

■ 141.0330, -0.0163,
5.2331

■ 108.5670, -0.2795,
-50.4863

■ 145.7890, 0.1040,
13.3400

■ 103.8110, -0.3998,
-58.5932

■ 150.5450, 0.2243,
21.4470

■ 99.1690, -0.0833,
-66.8002

■ 155.1870, -0.0922,
29.6540

■ 94.4130, -0.2036,
-74.9072


■ 159.9430, 0.0281,
37.7610

■ 91.3800, -0.1873,

■ 164.4000, 0.2958,

-80.1403

45.2532

 169.1560, 0.4161,
53.3602

Harmonies

Analogous

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



128.3380, -6.0826, -9.0664



127.1780, -0.0878, -18.5731



126.7520, 6.0383, -23.4615

Triad

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



127.1780, -0.0878, -18.5731



131.8500, 10.9200, -2.4994



132.0040, -9.3690, 18.4135

Complementary

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



127.1780, -0.0878, -18.5731



116.8220, 0.0878, 18.5731

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.



133.1660, -5.0118, 20.9024



127.1780, -0.0878, -18.5731



133.3630, 6.2300, 8.4516

Square

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



127.1780, -0.0878, -18.5731



129.5280, 12.5577, -14.4951



133.3380, 0.8194, 17.2436



131.0910, -11.3839, 11.3212

Rectangle

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



127.1780, -0.0878, -18.5731



126.9630, 9.3852, -23.6466



133.3380, 0.8194, 17.2436



132.3570, -8.0640, 19.8579

Sweetspot

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



127.1780, -0.0878, -18.5731



174.5430, -0.2677, -7.4922



128.0730, -10.8820, -9.7110



86.6790, 0.1583, -4.1035



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



127.1780, -0.0878, -18.5731



161.9980, -0.4920, -28.9392



125.4970, 6.1640, -17.0989



66.5650, -0.2785, -4.0035



87.9890, -0.4876, -77.1664



3.2770, -0.1366, -2.8739

Inverse Universe

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



116.8220, 0.0878, 18.5731



145.8880, 0.0552, 29.0392



118.5030, -6.1640, 17.0989



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 127.1780, -0.0878, -18.5731 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 127.1780, -0.0878, -18.5731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

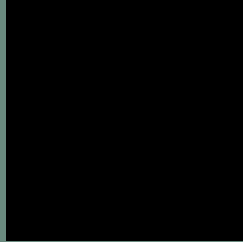
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.1780, -0.0878, -18.5731

Background



This preview shows how black text looks on a background with the YUV color 127.1780, -0.0878, -18.5731.



This preview shows how white text looks on a background with the YUV color 127.1780, -0.0878,

-18.5731.

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

127.1780, -0.0878, -18.5731

Protanopia

130.6970, -3.7946, 3.7737

Deuteranopia

132.3110, -1.6323, 10.2513



Tritanopia

128.7790, 8.4900, -16.4692

Trichromacy



Original Color

127.1780, -0.0878, -18.5731

Protanomaly

129.2830, -2.6045, -4.6332

Deuteranomaly

130.3590, -1.1630, -0.3148

Tritanomaly

128.2690, 5.2904, -16.8989

Monochromacy



Original Color

127.1780, -0.0878, -18.5731

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1780, -0.0878, -18.5731 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(106, 138, 127)` looks like.

```
.text, #text, p{  
    color:rgb(106, 138, 127)  
}
```

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(106, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 138, 127) }
```

Border

The CSS property to change the border of an element to YUV 127.1780, -0.0878, -18.5731 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(106, 138, 127) }
```


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

```
.border{ border-color:rgb(106, 138, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 138, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(106, 138,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 127.1780, -0.0878, -18.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 138, 127) }
```

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

```
.background{ background-color: rgb(106,  
138, 127) }
```

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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