

Converting Colors

YUV(108.9880, -18.7281,
-13.1445)

Have a look what the booklet for
YUV(108.9880, -18.7281, -13.1445)
contains.

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Color

**YUV(108.9880, -18.7281,
-13.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7C47
RGB	94, 124, 71
RGB Percent	37%, 49%, 28%
CMY	0.6314, 0.5137, 0.7216
CMYK	0.24, 0.00, 0.43, 0.51
HSL	94°, 27%, 38%
HSV	94°, 43%, 49%
XYZ	12.9611, 17.2499, 8.6077
YIQ	108.9880, -0.8670, -22.8430

Conversions

Conversions Part 2

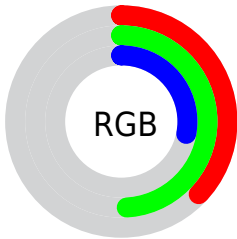
Format	Color
RYB	71, 124, 101
Decimal	6192199
CIELab	48.57, -20.98, 25.50
CIElCh	49, 33.016, 129.443
Yxy	17.2499, 0.3339, 0.4444
Android (android.graphics.Color)	4284382279 (0xFF5E7C47)
YUV	108.9880, -18.7281, -13.1445
Hunter-Lab	41.5330, -16.9789, 16.7853

Details

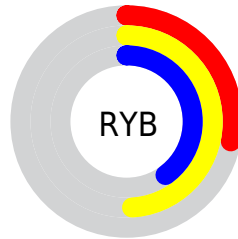
The YUV color **108.9880, -18.7281, -13.1445** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **86.0120, 18.7281, 13.1445**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2330, -20.3279, -13.3593**, and **60.7430, -17.1283, -12.9296** is the 20% darker color. If you saturate the color by 10%, you get **105.5270, -22.9378, -16.2482**, and if you desaturate by 10%, it is **112.4490, -14.5184, -10.0408**.

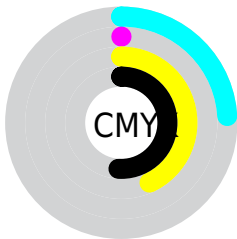
Distribution



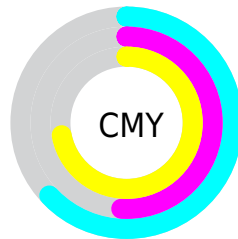
- Red (37%)
- Green (49%)
- Blue (28%)



- Red (28%)
- Yellow (49%)
- Blue (40%)



- Cyan (24%)
- Magenta (0%)
- Yellow (43%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9880, -18.7281, -13.1445 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 108.9880, -18.7281, -13.1445 by changing the saturation by 10% instead.

■ 108.9880,
-18.7281, -13.1445

■ 108.9880,
-18.7281, -13.1445

■ 255.0000, 0.0000,
0.0000

■ 84.5150, -18.0019,
-12.7297

■ 161.2330,
-20.3279, -13.3593

■ 60.7430, -17.1283,
-12.9296

■ 187.8200,
-20.6173, -13.8741

■ 37.5150, -18.0019,
-12.7297

■ 215.7060,
-21.0541, -13.7742

■ 18.1970, -8.9711,
-15.9588

■ 240.6570,
-20.0439, -11.1002

■ 0.0000, 0.0000,
0.0000

■ 252.0360,
-11.3567, 2.5994

■ 108.9880,
-18.7281, -13.1445

■ 108.9880,
-18.7281, -13.1445

■ 105.5270,
-22.9378, -16.2482

■ 112.4490,
-14.5184, -10.0408

■ 101.9520,
-27.5843, -19.2519

■ 116.0240, -9.8718,
-7.0370

■ 98.4910, -31.7941,
-22.3556

■ 119.4850, -5.6621,
-3.9333

■ 94.9160, -36.4406,
-25.3593

■ 123.0600, -1.0156,
-0.9296

■ 91.4550, -40.6503,
-28.4630

■ 126.5210, 3.1941,
2.1741

■ 88.9340, -43.8445,
-30.6371

■ 129.9820, 7.4039,
5.2778

■ 133.5570, 12.0504,
8.2815

■ 137.0180, 16.2601,

11.3852

■ 140.5930, 20.9067,
14.3889

Harmonies

Analogous

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



112.4810, -26.3661, 10.1022



108.9880, -18.7281, -13.1445



103.0090, -3.9484, -40.3499

Triad

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



108.9880, -18.7281, -13.1445



97.8060, 34.1126, -68.2359



117.3200, -5.0878, 45.3234

Complementary

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



108.9880, -18.7281, -13.1445



86.0120, 18.7281, 13.1445

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.



118.7990, 8.4801, 33.5023



108.9880, -18.7281, -13.1445



112.8980, 28.1513, -22.7125

Square

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



108.9880, -18.7281, -13.1445



92.2360, 28.4777, -80.8910



118.6310, 19.9019, 9.9706



116.0950, -17.3018, 42.8897

Rectangle

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



108.9880, -18.7281, -13.1445



94.3890, 9.6682, -67.8702



118.6310, 19.9019, 9.9706



117.8620, -0.4250, 43.0940

Sweetspot

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



108.9880, -18.7281, -13.1445



155.0180, -7.4039, -5.2778



103.8700, -16.2049, 17.6540



78.1260, -4.4991, -3.6185



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



108.9880, -18.7281, -13.1445



137.5990, -28.8893, -20.6963



102.4530, -14.0273, -27.5843



59.4190, -2.1786, -1.2445



89.5210, -44.1339, -31.1519



180.8140, -89.1413, -62.1039

Inverse Universe

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



86.0120, 18.7281, 13.1445



102.1020, 29.0367, 20.0815



92.5470, 14.0273, 27.5843



56.8800, 2.0312, 1.8592



35.4790, 44.1339, 31.1519



71.4850, 88.9939, 62.7187

Previews

White Background



This preview shows how the YUV color 108.9880, -18.7281, -13.1445 looks on a white 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

Black Background



This preview shows how the YUV color 108.9880, -18.7281, -13.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

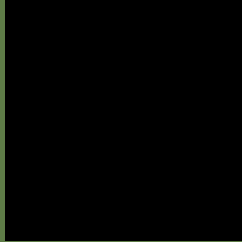
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.9880, -18.7281, -13.1445 Background



This preview shows how black text looks on a background with the YUV color 108.9880, -18.7281, -13.1445.



This preview shows how white text looks on a background with the YUV color 108.9880, -18.7281, -13.1445.

-13.1445.

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

108.9880, -18.7281, -13.1445

Protanopia

112.9310, -22.1510, 11.4615

Deuteranopia

114.2680, -19.8521, 20.8130



Tritanopia

113.6550, 6.5791, -10.2214

Trichromacy



Original Color

108.9880, -18.7281, -13.1445

Protanomaly

111.2180, -20.8135, 2.4398

Deuteranomaly

112.3050, -19.3774, 8.5025

Tritanomaly

112.2390, -2.5828, -11.6106

Monochromacy



Original Color

108.9880, -18.7281, -13.1445

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8440, -6.8251, -4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9880, -18.7281, -13.1445 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(94, 124, 71)` looks like.

```
.text, #text, p{  
    color:rgb(94, 124, 71)  
}
```

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(94, 124, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 124, 71) }
```

Border

The CSS property to change the border of an element to YUV 108.9880, -18.7281, -13.1445 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(94, 124, 71) }
```


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

```
.border{ border-color:rgb(94, 124, 71) }
```

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

Here you see how a box with a 4 pixel rgb(94, 124, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 124, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 124, 71);  
box-shadow:4px 4px 4px 4px rgb(94, 124,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 108.9880, -18.7281, -13.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 124, 71) }
```

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

```
.background{ background-color: rgb(94, 124,  
71) }
```

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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