

Converting Colors

YUV(109.7980, -0.3934,
-13.8548)

Have a look what the booklet for
YUV(109.7980, -0.3934, -13.8548)
contains.

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Color

**YUV(109.7980, -0.3934,
-13.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	5E766D
RGB	94, 118, 109
RGB Percent	37%, 46%, 43%
CMY	0.6314, 0.5373, 0.5725
CMYK	0.20, 0.00, 0.08, 0.54
HSL	157°, 11%, 42%
HSV	157°, 20%, 46%
XYZ	13.8548, 16.4407, 16.9111
YIQ	109.7980, -11.4150, -7.8870

Conversions

Conversions Part 2

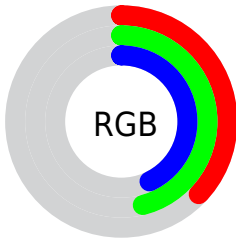
Format	Color
R_{YB}	94, 109, 118
Decimal	6190701
CIE Lab	47.55, -10.77, 2.06
CIE LCh	48, 10.964, 169.180
Yxy	16.4407, 0.2935, 0.3483
Android (android.graphics.Color)	4284380781 (0xFF5E766D)
YUV	109.7980, -0.3934, -13.8548
Hunter-Lab	40.5471, -9.9644, 3.6547

Details

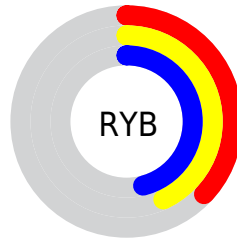
The YUV color **109.7980, -0.3934, -13.8548** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.2020, 0.3934, 13.8548**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3850, -0.6828, -14.3696**, and **62.2110, -0.1040, -13.3400** is the 20% darker color. If you saturate the color by 10%, you get **105.7540, -0.3717, -20.8323**, and if you desaturate by 10%, it is **113.8420, -0.4151, -6.8774**.

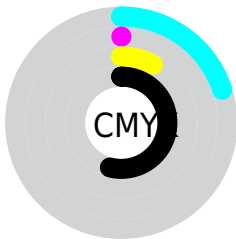
Distribution



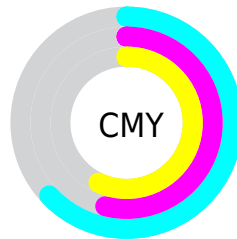
- Red (37%)
- Green (46%)
- Blue (43%)



- Red (37%)
- Yellow (43%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7980, -0.3934, -13.8548 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 109.7980, -0.3934, -13.8548 by changing the saturation by 10% instead.

■ 109.7980, -0.3934,
-13.8548

■ 109.7980, -0.3934,
-13.8548

255.0000, 0.0000,
0.0000

■ 85.2110, -0.1040,
-13.3400

■ 161.3850, -0.6828,
-14.3696

■ 62.2110, -0.1040,
-13.3400

■ 188.0860, -0.5354,
-14.9844

■ 39.9230, 0.0380,
-12.2105

■ 216.0860, -0.5354,
-14.9844

■ 18.6130, 0.1908,
-14.5696

■ 244.7870, -0.3880,
-15.5992

■ 0.0000, 0.0000,
0.0000

■ 109.7980, -0.3934,

■ 109.7980, -0.3934,

-13.8548

■ 105.7540, -0.3717,
-20.8323

■ 101.5960, -0.7868,
-27.7097

■ 97.8510, -0.9125,
-34.0723

■ 93.6930, -1.3276,
-40.9498

■ 89.6490, -1.3060,
-47.9272

■ 85.4910, -1.7211,
-54.8046

■ 81.4470, -1.6994,
-61.7820

■ 77.7020, -1.8251,
-68.1447

-13.8548

■ 113.8420, -0.4151,
-6.8774

■ 118.0000, 0.0000,
0.0000

■ 121.7450, 0.1257,
6.3626

■ 125.9030, 0.5408,
13.2401

■ 129.9470, 0.5191,
20.2175

■ 134.1050, 0.9342,
27.0949

■ 138.1490, 0.9125,
34.0723

■ 141.8940, 1.0383,
40.4350

■ 146.0520, 1.4534,
47.3124

Harmonies

Analogous

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



110.9900, -4.9251, -7.0072



109.7980, -0.3934, -13.8548



109.3290, 4.2748, -17.8285

Triad

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



109.7980, -0.3934, -13.8548



113.4540, 8.1572, -3.0292



113.5520, -7.1741, 14.4249

Complementary

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



109.7980, -0.3934, -13.8548



102.2020, 0.3934, 13.8548

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.



114.4750, -3.6852, 15.3694



109.7980, -0.3934, -13.8548



114.7110, 5.0725, 6.3925

Square

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



109.7980, -0.3934, -13.8548



112.0400, 9.3473, -11.4361



115.0170, 0.9776, 13.1401



112.7640, -8.7577, 8.9770

Rectangle

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



109.7980, -0.3934, -13.8548



110.0130, 6.8956, -18.4284



115.0170, 0.9776, 13.1401



114.4920, -6.1586, 15.3545

Sweetspot

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



109.7980, -0.3934, -13.8548



149.9670, 0.0163, -5.2331



110.7790, -8.2720, -6.8222



74.8640, -0.4260, -3.3887



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



109.7980, -0.3934, -13.8548



140.3410, -0.6611, -21.3471



109.0630, 4.4059, -13.2103



56.8640, -0.4260, -3.3887



80.2780, -2.1091, -70.4038



164.5340, -4.2073, -144.2963

Inverse Universe

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



102.2020, 0.3934, 13.8548



128.6590, 0.6611, 21.3471



102.9370, -4.4059, 13.2103



55.0220, -0.0108, 3.4887



41.7220, 2.1091, 70.4038



85.4660, 4.2073, 144.2963

Previews

White Background



This preview shows how the YUV color 109.7980, -0.3934, -13.8548 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 109.7980, -0.3934, -13.8548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

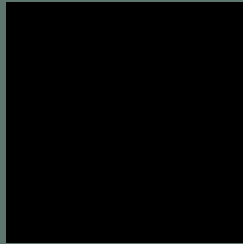
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7980, -0.3934, -13.8548

Background



This preview shows how black text looks on a background with the YUV color 109.7980, -0.3934, -13.8548.



This preview shows how white text looks on a background with the YUV color 109.7980, -0.3934,

-13.8548.

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

109.7980, -0.3934, -13.8548

Protanopia

112.5120, -3.2104, 3.0590

Deuteranopia

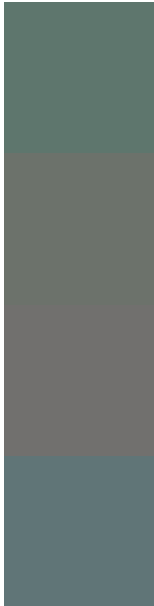
113.7130, -1.3375, 9.0217



Tritanopia

111.3450, 6.7319, -12.5806

Trichromacy



Original Color

109.7980, -0.3934, -13.8548

Protanomaly

111.4080, -2.1731, -2.9888

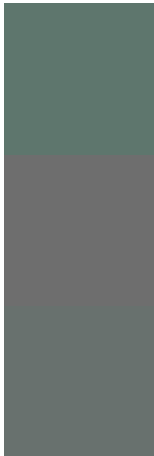
Deuteranomaly

112.0710, -1.0210, 0.8147

Tritanomaly

110.9490, 3.9691, -13.1103

Monochromacy



Original Color

109.7980, -0.3934, -13.8548

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7980, -0.3934, -13.8548 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, 118, 109)` looks like.

```
.text, #text, p{  
    color:rgb(94, 118, 109)  
}
```

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, 118, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 118, 109) }
```

Border

The CSS property to change the border of an element to YUV 109.7980, -0.3934, -13.8548 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, 118, 109) }
```


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

```
.border{ border-color:rgb(94, 118, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 118, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 118, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 118, 109);  
box-shadow:4px 4px 4px 4px rgb(94, 118,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 109.7980, -0.3934, -13.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 118, 109) }
```

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

```
.background{ background-color: rgb(94, 118,  
109) }
```

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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