

Converting Colors

YUV(109.7840, -19.1205,
19.4834)

Have a look what the booklet for
YUV(109.7840, -19.1205, 19.4834)
contains.

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Color

**YUV(109.7840, -19.1205,
19.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	846A47
RGB	132, 106, 71
RGB Percent	52%, 42%, 28%
CMY	0.4824, 0.5843, 0.7216
CMYK	0.00, 0.20, 0.46, 0.48
HSL	34°, 30%, 40%
HSV	34°, 46%, 52%
XYZ	15.8071, 15.6685, 8.1524
YIQ	109.7840, 26.7310, -5.3730

Conversions

Conversions Part 2

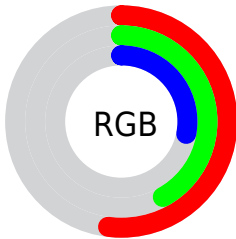
Format	Color
R_YB	116, 132, 71
Decimal	8677959
CIE Lab	46.54, 5.41, 23.53
CIE LCh	47, 24.140, 77.052
Yxy	15.6685, 0.3989, 0.3954
Android (android.graphics.Color)	4286868039 (0xFF846A47)
YUV	109.7840, -19.1205, 19.4834
Hunter-Lab	39.5835, 2.0102, 15.4973

Details

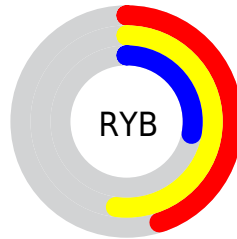
The YUV color **109.7840, -19.1205, 19.4834** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **93.2160, 19.1205, -19.4834**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4530, -20.4363, 21.5277**, and **61.8160, -17.6573, 16.8244** is the 20% darker color. If you saturate the color by 10%, you get **104.7800, -23.0625, 23.8719**, and if you desaturate by 10%, it is **114.7880, -15.1785, 15.0949**.

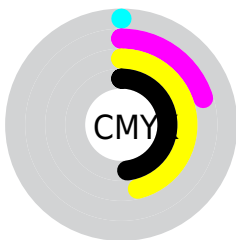
Distribution



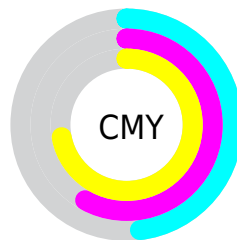
- Red (52%)
- Green (42%)
- Blue (28%)



- Red (45%)
- Yellow (52%)
- Blue (28%)



- Cyan (0%)
- Magenta (20%)
- Yellow (46%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7840, -19.1205, 19.4834 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 109.7840, -19.1205, 19.4834 by changing the saturation by 10% instead.

■ 109.7840,
-19.1205, 19.4834

■ 109.7840,
-19.1205, 19.4834

■ 255.0000, 0.0000,
0.0000

■ 85.3000, -18.3889,
18.1539

■ 161.4530,
-20.4363, 21.5277

■ 61.8160, -17.6573,
16.8244

■ 188.9370,
-21.1679, 22.8573

■ 38.9900, -18.2361,
15.7948

■ 216.7090,
-22.0415, 23.0572

■ 19.8460, -9.7841,
11.5361

■ 239.9250,
-19.6830, 13.2208

■ 0.0000, 0.0000,
0.0000

■ 251.9220,
-11.7935, 2.6994

■ 109.7840,
-19.1205, 19.4834

■ 109.7840,
-19.1205, 19.4834

■ 104.7800,
-23.0625, 23.8719

■ 114.7880,
-15.1785, 15.0949

■ 100.3630,
-27.2940, 27.7456

■ 119.2050,
-10.9471, 11.2212

■ 95.2450, -31.6728,
32.2341

■ 124.3230, -6.5682,
6.7327

■ 90.2410, -35.6148,
36.6226

■ 129.3270, -2.6262,
2.3442

■ 85.8240, -39.8462,
40.4964

■ 133.7440, 1.6052,
-1.5295

■ 84.0800, -41.4514,
42.0258

■ 138.7480, 5.5472,
-5.9180

■ 143.1650, 9.7787,
-9.7917

■ 148.2830, 14.1575,

-14.2802

■ 153.2870, 18.0995,
-18.6687

Harmonies

Analogous

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



111.1150, -14.3537, 30.5941



109.7840, -19.1205, 19.4834



107.9130, -18.1981, 3.5843

Triad

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



109.7840, -19.1205, 19.4834



97.9770, 11.3503, -47.3378



112.9920, 12.3289, 12.2850

Complementary

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



109.7840, -19.1205, 19.4834



93.2160, 19.1205, -19.4834

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.



110.2820, 19.0880, -9.0173



109.7840, -19.1205, 19.4834



98.5560, 19.9389, -48.7226

Square

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



109.7840, -19.1205, 19.4834



101.9760, -0.4812, -32.4280



105.1220, 21.6319, -31.6790



113.0880, 3.4076, 27.1098

Rectangle

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



109.7840, -19.1205, 19.4834



105.8730, -14.2344, -7.7816



105.1220, 21.6319, -31.6790



112.3440, 15.1134, 5.8373

Sweetspot

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



109.7840, -19.1205, 19.4834



162.3940, -7.5892, 7.5475



92.2030, 2.3649, 34.9020



81.1810, -4.5262, 5.1033



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.7840, -19.1205, 19.4834



136.8040, -29.4834, 29.9899



123.8500, -26.0550, 3.6396



63.5550, -1.7526, 2.1443



82.8950, -40.8672, 41.3111



1.4840, -0.7316, 1.3295

Inverse Universe

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



93.2160, 19.1205, -19.4834



111.1960, 29.4834, -29.9899



79.1500, 26.0550, -3.6396



61.8580, 2.0420, -1.6295



47.1050, 40.8672, -41.3111



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 109.7840, -19.1205, 19.4834 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 109.7840, -19.1205, 19.4834 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 109.7840, -19.1205, 19.4834 Background



This preview shows how black text looks on a background with the YUV color 109.7840, -19.1205, 19.4834.



This preview shows how white text looks on a background with the YUV color 109.7840, -19.1205,

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

109.7840, -19.1205, 19.4834

Protanopia

108.7720, -17.6356, 9.8470

Deuteranopia

110.0830, -19.2679, 20.0982



Tritanopia

112.3770, -1.6649, 20.7174

Trichromacy



Original Color

109.7840, -19.1205, 19.4834

Protanomaly

109.2670, -18.3726, 12.9208

Deuteranomaly

110.0830, -19.2679, 20.0982

Tritanomaly

111.6560, -8.2114, 20.4727

Monochromacy



Original Color

109.7840, -19.1205, 19.4834

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2090, -7.0050, 6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7840, -19.1205, 19.4834 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(132, 106, 71)` looks like.

```
.text, #text, p{  
    color:rgb(132, 106, 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(132, 106, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 106, 71) }
```

Border

The CSS property to change the border of an element to YUV 109.7840, -19.1205, 19.4834 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(132, 106, 71) }
```


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

```
.border{ border-color:rgb(132, 106, 71) }
```

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

Here you see how a box with a 4 pixel rgb(132, 106, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 106, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 106, 71);  
box-shadow:4px 4px 4px 4px rgb(132, 106,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 109.7840, -19.1205, 19.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 106, 71) }
```

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

```
.background{ background-color: rgb(132,  
106, 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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