

Converting Colors

YUV(109.5340, -19.9833,
16.1947)

Have a look what the booklet for
YUV(109.5340, -19.9833, 16.1947)
contains.

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Color

**YUV(109.5340, -19.9833,
16.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	806C45
RGB	128, 108, 69
RGB Percent	50%, 42%, 27%
CMY	0.4980, 0.5765, 0.7294
CMYK	0.00, 0.16, 0.46, 0.50
HSL	40°, 30%, 39%
HSV	40°, 46%, 50%
XYZ	15.3388, 15.7440, 7.8607
YIQ	109.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

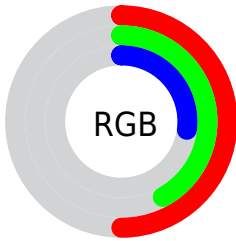
Format	Color
RYB	99, 128, 69
Decimal	8416325
CIELab	46.64, 2.23, 24.72
CIELCh	47, 24.817, 84.834
Yxy	15.7440, 0.3939, 0.4043
Android (android.graphics.Color)	4286606405 (0xFF806C45)
YUV	109.5340, -19.9833, 16.1947
Hunter-Lab	39.6787, -0.4339, 16.0293

Details

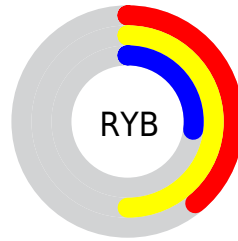
The YUV color **109.5340, -19.9833, 16.1947** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.4660, 19.9833, -16.1947**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2030, -21.2991, 18.2390**, and **61.5660, -18.5200, 13.5356** is the 20% darker color. If you saturate the color by 10%, you get **105.7040, -24.5041, 19.5536**, and if you desaturate by 10%, it is **113.3640, -15.4625, 12.8358**.

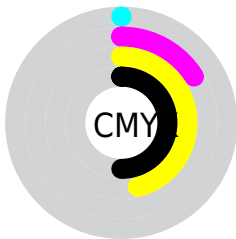
Distribution



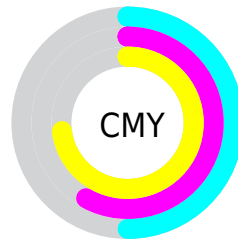
- Red (50%)
- Green (42%)
- Blue (27%)



- Red (39%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (46%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5340, -19.9833, 16.1947 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 109.5340, -19.9833, 16.1947 by changing the saturation by 10% instead.

■ 109.5340,
-19.9833, 16.1947

■ 109.5340,
-19.9833, 16.1947

■ 255.0000, 0.0000,
0.0000

■ 85.0500, -19.2516,
14.8652

■ 161.2030,
-21.2991, 18.2390

■ 61.5660, -18.5200,
13.5356

■ 188.3880,
-21.8833, 18.9537

■ 39.0390, -19.2462,
13.1208

■ 216.4590,
-22.9043, 19.7685

■ 20.1230, -9.9206,
8.6621

■ 240.8710,
-21.1354, 12.3911

■ 0.0000, 0.0000,
0.0000

■ 251.6940,
-12.6671, 2.8994

■ 109.5340,
-19.9833, 16.1947

■ 109.5340,
-19.9833, 16.1947

■ 105.7040,
-24.5041, 19.5536

■ 113.3640,
-15.4625, 12.8358

■ 101.2870,
-28.7355, 23.4273

■ 117.7810,
-11.2310, 8.9621

■ 97.5710, -32.8195,
26.6862

■ 121.4970, -7.1470,
5.7031

■ 93.7410, -37.3403,
30.0451

■ 125.3270, -2.6262,
2.3442

■ 89.3240, -41.5717,
33.9189

■ 129.7440, 1.6052,
-1.5295

■ 88.1670, -43.4663,
34.9335

■ 133.5740, 6.1260,
-4.8884

■ 137.4040, 10.6468,
-8.2473

■ 141.7070, 14.4414,

-12.0210

■ 145.5370, 18.9623,
-15.3799

Harmonies

Analogous

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



111.1210, -16.8217, 28.8349



109.5340, -19.9833, 16.1947



107.7060, -17.6031, -0.6192

Triad

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



109.5340, -19.9833, 16.1947



97.1550, 14.7136, -52.7559



113.5690, 10.5655, 17.9180

Complementary

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



109.5340, -19.9833, 16.1947



87.4660, 19.9833, -16.1947

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.



111.3860, 18.0507, -2.9695



109.5340, -19.9833, 16.1947



99.7240, 21.8281, -47.9929

Square

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



109.5340, -19.9833, 16.1947



100.7410, 2.5927, -38.3609



106.9700, 22.1998, -27.1607



113.1270, 0.9234, 30.5836

Rectangle

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



109.5340, -19.9833, 16.1947



105.5950, -12.6183, -12.7998



106.9700, 22.1998, -27.1607



112.9210, 13.3499, 11.4703

Sweetspot

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



109.5340, -19.9833, 16.1947



158.6820, -7.7312, 6.4179



89.0350, 0.4757, 34.1723



79.4690, -4.6682, 3.9737



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



109.5340, -19.9833, 16.1947



137.4290, -30.7775, 25.0568



118.5830, -24.4444, 0.3657



62.0280, -2.4788, 1.7294



87.5800, -43.1769, 35.4483



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.4660, 19.9833, -16.1947



102.9840, 31.0669, -24.5420



78.4170, 24.4444, -0.3657



59.5590, 2.1894, -2.2442



39.8330, 43.4663, -34.9335



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.5340, -19.9833, 16.1947 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 109.5340, -19.9833, 16.1947 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 109.5340, -19.9833, 16.1947

Background



This preview shows how black text looks on a background with the YUV color 109.5340, -19.9833, 16.1947.



This preview shows how white text looks on a background with the YUV color 109.5340, -19.9833, 16.1947.

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

109.5340, -19.9833, 16.1947

Protanopia

109.3160, -19.3828, 10.2469

Deuteranopia

110.1540, -20.2889, 20.9129



Tritanopia

112.5830, -0.7804, 17.0287

Trichromacy



Original Color

109.5340, -19.9833, 16.1947

Protanomaly

109.6260, -19.5356, 12.6060

Deuteranomaly

110.1430, -20.2835, 19.1686

Tritanomaly

111.7480, -7.7638, 16.8840

Monochromacy



Original Color

109.5340, -19.9833, 16.1947

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7960, -7.2944, 6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5340, -19.9833, 16.1947 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(128, 108, 69)` looks like.

```
.text, #text, p{  
    color:rgb(128, 108, 69)  
}
```

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(128, 108, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 108, 69) }
```

Border

The CSS property to change the border of an element to YUV 109.5340, -19.9833, 16.1947 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(128, 108, 69) }
```


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

```
.border{ border-color:rgb(128, 108, 69) }
```

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

Here you see how a box with a 4 pixel rgb(128, 108, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 108, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 108, 69);  
box-shadow:4px 4px 4px 4px rgb(128, 108,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 109.5340, -19.9833, 16.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 108, 69) }
```

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

```
.background{ background-color: rgb(128,  
108, 69) }
```

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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