

Converting Colors

YUV(108.5560, -19.9941,
19.6834)

Have a look what the booklet for
YUV(108.5560, -19.9941, 19.6834)
contains.

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Color

**YUV(108.5560, -19.9941,
19.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	836944
RGB	131, 105, 68
RGB Percent	51%, 41%, 27%
CMY	0.4863, 0.5882, 0.7333
CMYK	0.00, 0.20, 0.48, 0.49
HSL	35°, 32%, 39%
HSV	35°, 48%, 51%
XYZ	15.4550, 15.3458, 7.6163
YIQ	108.5560, 27.3730, -5.9950

Conversions

Conversions Part 2

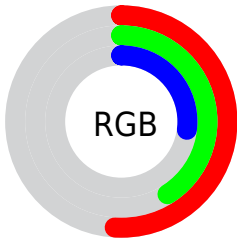
Format	Color
R_{YB}	112, 131, 68
Decimal	8612164
CIE _{Lab}	46.10, 5.22, 24.67
CIE _{LCh}	46, 25.216, 78.062
Yxy	15.3458, 0.4023, 0.3995
Android (android.graphics.Color)	4286802244 (0xFF836944)
YUV	108.5560, -19.9941, 19.6834
Hunter-Lab	39.1737, 1.8688, 15.8942

Details

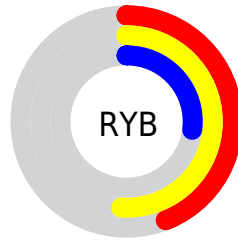
The YUV color **108.5560, -19.9941, 19.6834** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **90.4440, 19.9941, -19.6834**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2250, -21.3099, 21.7277**, and **60.5880, -18.5309, 17.0243** is the 20% darker color. If you saturate the color by 10%, you get **104.1390, -24.2255, 23.5571**, and if you desaturate by 10%, it is **112.9730, -15.7627, 15.8097**.

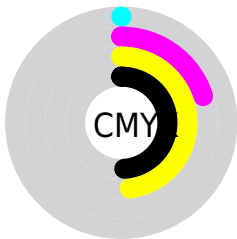
Distribution



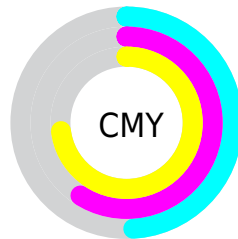
- Red (51%)
- Green (41%)
- Blue (27%)



- Red (44%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (20%)
- Yellow (48%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.5560, -19.9941, 19.6834 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 108.5560, -19.9941, 19.6834 by changing the saturation by 10% instead.

■ 108.5560,
-19.9941, 19.6834

■ 108.5560,
-19.9941, 19.6834

255.0000, 0.0000,
0.0000

■ 84.0720, -19.2625,
18.3539

■ 160.2250,
-21.3099, 21.7277

■ 60.5880, -18.5309,
17.0243

■ 187.7090,
-22.0415, 23.0572

■ 37.8760, -18.6729,
15.8947

■ 215.7800,
-23.0625, 23.8719

■ 18.9600, -9.3473,
11.4361

■ 238.8820,
-21.1408, 14.1355

■ 0.0000, 0.0000,
0.0000

■ 251.5800,
-13.1039, 2.9993

254.7720, -0.8736,

0.2000

■ 108.5560,
-19.9941, 19.6834

■ 108.5560,
-19.9941, 19.6834

■ 104.1390,
-24.2255, 23.5571

■ 112.9730,
-15.7627, 15.8097

■ 99.1350, -28.1676,
27.9456

■ 117.9770,
-11.8207, 11.4212

■ 94.7180, -32.3990,
31.8193

■ 122.3940, -7.5892,
7.5475

■ 89.7140, -36.3410,
36.2078

■ 127.3980, -3.6472,
3.1590

■ 85.2970, -40.5724,
40.0815

■ 131.8150, 0.5842,
-0.7148

■ 84.3680, -41.5934,
40.8963

■ 136.3460, 5.2524,
-4.6884

■ 141.3500, 9.1945,
-9.0769

■ 145.7670, 13.4259,
-12.9507

■ 150.7710, 17.3679,
-17.3392

Harmonies

Analogous

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



109.8870, -15.2273, 30.7941



108.5560, -19.9941, 19.6834



106.7990, -18.6349, 3.6843

Triad

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



108.5560, -19.9941, 19.6834



95.6990, 12.9664, -52.3560



112.1170, 12.7603, 13.9294

Complementary

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



108.5560, -19.9941, 19.6834



90.4440, 19.9941, -19.6834

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.



109.6950, 19.3774, -8.5025



108.5560, -19.9941, 19.6834



96.5770, 21.4075, -53.1260

Square

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



108.5560, -19.9941, 19.6834



100.0790, -0.0389, -34.2723



103.7520, 22.8003, -33.1085



112.0990, 3.4022, 28.8542

Rectangle

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



108.5560, -19.9941, 19.6834



105.0470, -14.8132, -8.8112



103.7520, 22.8003, -33.1085



111.6430, 14.9660, 6.4521

Sweetspot

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



108.5560, -19.9941, 19.6834



162.3940, -7.5892, 7.5475



89.8010, 2.0701, 36.1315



81.7680, -4.8156, 4.5885



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.



108.5560, -19.9941, 19.6834



135.6470, -31.3780, 31.0046



122.3230, -26.7812, 3.2247



64.1420, -2.0420, 1.6295



83.4820, -41.1566, 40.7963



1.4840, -0.7316, 1.3295

Inverse Universe

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



90.4440, 19.9941, -19.6834



107.3530, 31.3780, -31.0046



76.6770, 26.7812, -3.2247



61.8580, 2.0420, -1.6295



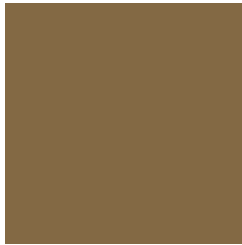
46.5180, 41.1566, -40.7963



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 108.5560, -19.9941, 19.6834 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 108.5560, -19.9941, 19.6834 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 108.5560, -19.9941, 19.6834 Background



This preview shows how black text looks on a background with the YUV color 108.5560, -19.9941, 19.6834.



This preview shows how white text looks on a background with the YUV color 108.5560, -19.9941,

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

108.5560, -19.9941, 19.6834

Protanopia

107.5440, -18.5092, 10.0469

Deuteranopia

108.2680, -19.8521, 20.8130



Tritanopia

111.3770, -1.6649, 20.7174

Trichromacy



Original Color

108.5560, -19.9941, 19.6834

Protanomaly

108.0390, -19.2462, 13.1208

Deuteranomaly

108.2680, -19.8521, 20.8130

Tritanomaly

110.5420, -8.6482, 20.5727

Monochromacy



Original Color

108.5560, -19.9941, 19.6834

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5560, -19.9941, 19.6834 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(131, 105, 68)` looks like.

```
.text, #text, p{  
    color:rgb(131, 105, 68)  
}
```

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(131, 105, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 105, 68) }
```

Border

The CSS property to change the border of an element to YUV 108.5560, -19.9941, 19.6834 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(131, 105, 68) }
```


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

```
.border{ border-color:rgb(131, 105, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 105, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 105, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 105, 68);  
box-shadow:4px 4px 4px 4px rgb(131, 105,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 108.5560, -19.9941, 19.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 105, 68) }
```

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

```
.background{ background-color: rgb(131,  
105, 68) }
```

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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