

Converting Colors

YUV(118.1340, -19.7861,
46.3635)

Have a look what the booklet for
YUV(118.1340, -19.7861, 46.3635)
contains.

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Color

**YUV(118.1340, -19.7861,
46.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	AB634E
RGB	171, 99, 78
RGB Percent	67%, 39%, 31%
CMY	0.3294, 0.6118, 0.6941
CMYK	0.00, 0.42, 0.54, 0.33
HSL	14°, 37%, 49%
HSV	14°, 54%, 67%
XYZ	22.6316, 18.1317, 9.5147
YIQ	118.1340, 49.6530, 8.7330

Conversions

Conversions Part 2

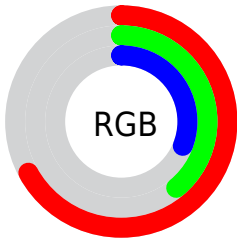
Format	Color
R_{YB}	171, 105, 78
Decimal	11232078
CIE Lab	49.66, 26.91, 24.45
CIE LCh	50, 36.355, 42.258
Yxy	18.1317, 0.4501, 0.3606
Android (android.graphics.Color)	4289422158 (0xFFAB634E)
YUV	118.1340, -19.7861, 46.3635
Hunter-Lab	42.5813, 20.3539, 16.5587

Details

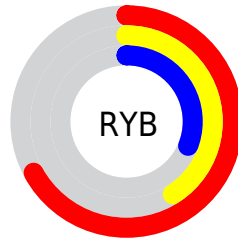
The YUV color **118.1340, -19.7861, 46.3635** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **130.8660, 19.7861, -46.3635**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5860, -21.9809, 50.3521**, and **68.0840, -17.2964, 41.1453** is the 20% darker color. If you saturate the color by 10%, you get **108.5650, -23.4495, 54.7555**, and if you desaturate by 10%, it is **127.7030, -16.1226, 37.9715**.

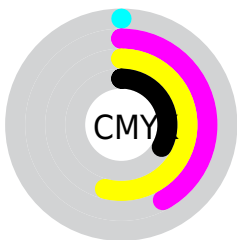
Distribution



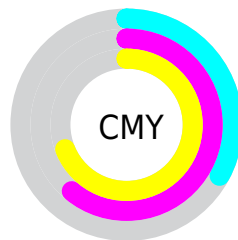
- Red (67%)
- Green (39%)
- Blue (31%)



- Red (67%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (54%)
- Black (33%)



- Cyan (33%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1340, -19.7861, 46.3635 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 118.1340, -19.7861, 46.3635 by changing the saturation by 10% instead.

■ 118.1340,
-19.7861, 46.3635

■ 118.1340,
-19.7861, 46.3635

■ 255.0000, 0.0000,
0.0000

■ 92.4650, -18.4702,
44.3192

■ 171.5860,
-21.9809, 50.3521

■ 68.0840, -17.2964,
41.1453

■ 198.1730,
-22.2703, 49.8373

■ 44.1160, -15.8332,
38.4863

■ 217.1000,
-18.2903, 33.2383

■ 20.5870, -10.1494,
35.4422

■ 237.3150,
-14.4523, 15.5097

■ 11.7750, -5.3121,
23.8763

■ 252.8340, -8.2992,
1.8996

■ 0.0000, 0.0000,
0.0000

■ 118.1340,
-19.7861, 46.3635

■ 118.1340,
-19.7861, 46.3635

■ 108.5650,
-23.4495, 54.7555

■ 127.7030,
-16.1226, 37.9715

■ 98.9960, -27.1130,
63.1475

■ 137.2720,
-12.4591, 29.5795

■ 88.8400, -30.4871,
72.0543

■ 147.4280, -9.0850,
20.6726

■ 79.2710, -34.1506,
80.4463

■ 156.9970, -5.4215,
12.2806

■ 74.0220, -36.4928,
85.0497

■ 166.5660, -1.7580,
3.8886

■ 176.2490, 2.3422,
-4.6034

■ 186.4050, 5.7163,
-13.5102

■ 195.9740, 9.3798,

-21.9022

■ 205.5430, 13.0433,
-30.2942

Harmonies

Analogous

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



119.5980, -6.7038, 50.3416



118.1340, -19.7861, 46.3635



116.7440, -28.4678, 30.9195

Triad

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



118.1340, -19.7861, 46.3635



102.6980, -2.3161, -50.6011



116.1800, 30.4773, -22.0829

Complementary

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



118.1340, -19.7861, 46.3635



130.8660, 19.7861, -46.3635

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.



94.0260, 40.4132, -82.4608



118.1340, -19.7861, 46.3635



93.4780, 18.0053, -81.9802

Square

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



118.1340, -19.7861, 46.3635



110.4390, -19.4434, -17.0480



95.6100, 31.2513, -83.8500



121.2940, 21.0541, 13.7742

Rectangle

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



118.1340, -19.7861, 46.3635



115.3140, -29.7348, 17.2646



95.6100, 31.2513, -83.8500



111.8900, 33.5782, -36.7375

Sweetspot

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



118.1340, -19.7861, 46.3635



201.4600, -7.6218, 18.0136



114.1290, 18.1774, 49.8759



100.2140, -4.5425, 10.3363



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



118.1340, -19.7861, 46.3635



139.8400, -30.4871, 72.0543



145.1360, -33.0980, 22.6827



81.8650, -1.9054, 4.5034



64.8080, -31.9503, 74.7134



9.8120, -4.8373, 11.5659

Inverse Universe

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



130.8660, 19.7861, -46.3635



159.5730, 30.7765, -71.5395



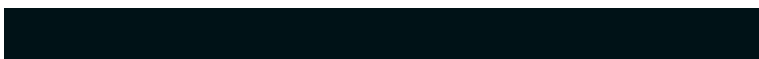
103.8640, 33.0980, -22.6827



83.1350, 1.9054, -4.5034



85.1920, 31.9503, -74.7134



13.1880, 4.8373, -11.5659

Previews

White Background



This preview shows how the YUV color 118.1340, -19.7861, 46.3635 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 118.1340, -19.7861, 46.3635 looks on a black 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

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

YUV 118.1340, -19.7861, 46.3635

Background



This preview shows how black text looks on a background with the YUV color 118.1340, -19.7861, 46.3635.



This preview shows how white text looks on a background with the YUV color 118.1340, -19.7861,

46.3635.

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

118.1340, -19.7861, 46.3635

Protanopia

117.0430, -15.3042, 8.7323

Deuteranopia

117.6380, -21.0205, 22.2425



Tritanopia

119.8210, -8.2928, 46.6380

Trichromacy



Original Color

118.1340, -19.7861, 46.3635

Protanomaly

117.3760, -16.9474, 22.4722

Deuteranomaly

117.8070, -20.6109, 30.8643

Tritanomaly

119.0830, -12.3659, 46.4082

Monochromacy



Original Color

118.1340, -19.7861, 46.3635

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8620, -7.3270, 16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1340, -19.7861, 46.3635 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(171, 99, 78)` looks like.

```
.text, #text, p{  
    color:rgb(171, 99, 78)  
}
```

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(171, 99, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 99, 78) }
```

Border

The CSS property to change the border of an element to YUV 118.1340, -19.7861, 46.3635 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(171, 99, 78) }
```


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

```
.border{ border-color:rgb(171, 99, 78) }
```

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

Here you see how a box with a 4 pixel rgb(171, 99, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 99, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 99, 78);  
box-shadow:4px 4px 4px 4px rgb(171, 99,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 118.1340, -19.7861, 46.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 99, 78) }
```

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

```
.background{ background-color: rgb(171, 99,  
78) }
```

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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