

Converting Colors

YUV(117.6450, -4.7550,
31.8833)

Have a look what the booklet for
YUV(117.6450, -4.7550, 31.8833)
contains.

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Color

**YUV(117.6450, -4.7550,
31.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	9A656C
RGB	154, 101, 108
RGB Percent	60%, 40%, 42%
CMY	0.3961, 0.6039, 0.5765
CMYK	0.00, 0.34, 0.30, 0.40
HSL	352°, 21%, 50%
HSV	352°, 34%, 60%
XYZ	20.6869, 17.2601, 16.4286
YIQ	117.6450, 29.3410, 13.4130

Conversions

Conversions Part 2

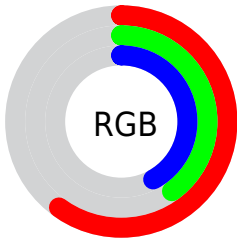
Format	Color
RYB	154, 101, 108
Decimal	10118508
CIELab	48.59, 22.37, 4.88
CIELCh	49, 22.899, 12.308
Yxy	17.2601, 0.3804, 0.3174
Android (android.graphics.Color)	4288308588 (0xFF9A656C)
YUV	117.6450, -4.7550, 31.8833
Hunter-Lab	41.5453, 16.1773, 5.6362

Details

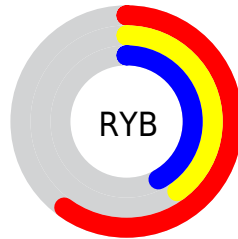
The YUV color **117.6450, -4.7550, 31.8833** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.3550, 4.7550, -31.8833**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1400, -5.4920, 34.9572**, and **68.2640, -3.5812, 28.7095** is the 20% darker color. If you saturate the color by 10%, you get **107.3580, -6.0925, 40.9050**, and if you desaturate by 10%, it is **127.9320, -3.4175, 22.8616**.

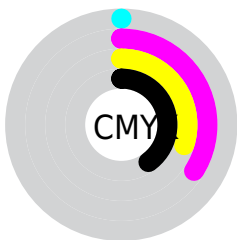
Distribution



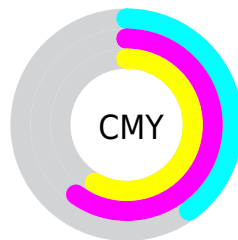
- Red (60%)
- Green (40%)
- Blue (42%)



- Red (60%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.6450, -4.7550, 31.8833 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 117.6450, -4.7550, 31.8833 by changing the saturation by 10% instead.


 117.6450, -4.7550,
31.8833

 117.6450, -4.7550,
31.8833


255.0000, 0.0000,
0.0000


 92.7480, -4.3128,
30.0390


 170.1400, -5.4920,
34.9572


 68.2640, -3.5812,
28.7095


 197.4390, -5.6394,
35.5720

 45.3670, -3.1389,
26.8651

 222.1500, -4.0179,
28.8095

 22.4100, -1.6811,
25.9504

 241.7780, 0.1094,
11.5957

 9.0840, -3.9854,
18.3433

 0.0000, 0.0000,
0.0000

■ 117.6450, -4.7550,
31.8833

■ 117.6450, -4.7550,
31.8833

■ 107.3580, -6.0925,
40.9050

■ 127.9320, -3.4175,
22.8616

■ 96.3700, -7.5774,
50.5415

■ 138.9200, -1.9326,
13.2252

■ 86.0830, -8.9149,
59.5632

■ 149.2070, -0.5951,
4.2035

■ 75.2090, -9.9630,
69.0997

■ 160.0810, 0.4531,
-5.3330

■ 64.8080, -11.7373,
78.2214

■ 170.4820, 2.2274,
-14.4547

■ 54.5210, -13.0749,
87.2431

■ 180.7690, 3.5649,
-23.4764

■ 48.3260, -13.9647,
92.6761

■ 191.7570, 5.0498,
-33.1129

■ 202.0440, 6.3873,

-42.1346

■ 212.9180, 7.4354,
-51.6711

Harmonies

Analogous

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



118.1200, 4.8708, 24.4508



117.6450, -4.7550, 31.8833



116.4570, -13.0433, 30.2942

Triad

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



117.6450, -4.7550, 31.8833



111.0190, -12.3344, -10.5407



110.1820, 20.6163, -32.6086

Complementary

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



117.6450, -4.7550, 31.8833



137.3550, 4.7550, -31.8833

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.



105.5950, 17.4547, -45.2488



117.6450, -4.7550, 31.8833



108.1400, -2.5340, -27.3098

Square

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



117.6450, -4.7550, 31.8833



113.6360, -18.0615, 6.4582



105.0270, 8.8607, -42.1197



114.8580, 18.8040, -11.2765

Rectangle

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



117.6450, -4.7550, 31.8833



115.8000, -16.6634, 24.7314



105.0270, 8.8607, -42.1197



108.0350, 20.1957, -37.7417

Sweetspot

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



117.6450, -4.7550, 31.8833



187.3220, -1.6377, 11.9956



120.7960, 16.3696, 22.9809



93.7020, -1.3321, 7.2773



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.6450, -4.7550, 31.8833



144.7720, -7.2826, 49.3120



128.0000, -13.3110, 22.8020



71.5060, -0.7425, 4.8182



44.0260, -12.3378, 84.1692



4.1150, -1.0427, 7.7921

Inverse Universe

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



117.6450, -4.7550, 31.8833



144.7720, -7.2826, 49.3120



127.0000, 13.3110, -22.8020



71.5060, -0.7425, 4.8182



44.0260, -12.3378, 84.1692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 117.6450, -4.7550, 31.8833 looks on a white background.

Color Contrast Check

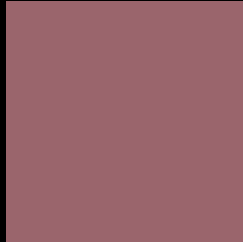
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6450, -4.7550, 31.8833 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 117.6450, -4.7550, 31.8833

Background



This preview shows how black text looks on a background with the YUV color 117.6450, -4.7550, 31.8833.



This preview shows how white text looks on a background with the YUV color 117.6450, -4.7550,

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

117.6450, -4.7550, 31.8833

Protanopia

116.0110, -0.0054, 1.7444

Deuteranopia

116.9970, -5.4215, 12.2806



Tritanopia

117.7590, -4.3182, 31.7834

Trichromacy



Original Color

117.6450, -4.7550, 31.8833

Protanomaly

116.6210, -1.7852, 12.6104

Deuteranomaly

117.1550, -5.0064, 19.1581

Tritanomaly

117.7590, -4.3182, 31.7834

Monochromacy



Original Color

117.6450, -4.7550, 31.8833

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9090, -1.9271, 11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6450, -4.7550, 31.8833 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(154, 101, 108)` looks like.

```
.text, #text, p{  
    color:rgb(154, 101, 108)  
}
```

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(154, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 101, 108) }
```

Border

The CSS property to change the border of an element to YUV 117.6450, -4.7550, 31.8833 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(154, 101, 108) }
```


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

```
.border{ border-color:rgb(154, 101, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 101, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 101, 108);  
box-shadow:4px 4px 4px 4px rgb(154, 101,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 117.6450, -4.7550, 31.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 101, 108) }
```

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

```
.background{ background-color: rgb(154,  
101, 108) }
```

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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