

Converting Colors

YUV(123.1850, -10.4442,
36.6718)

Have a look what the booklet for
YUV(123.1850, -10.4442, 36.6718)
contains.

YUV(123.1850, -10.4442, 36.6718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.1850, -10.4442,
36.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	A56A66
RGB	165, 106, 102
RGB Percent	65%, 42%, 40%
CMY	0.3529, 0.5843, 0.6000
CMYK	0.00, 0.36, 0.38, 0.35
HSL	4°, 26%, 52%
HSV	4°, 38%, 65%
XYZ	23.0694, 19.2667, 15.0733
YIQ	123.1850, 36.4480, 11.2640

Conversions

Conversions Part 2

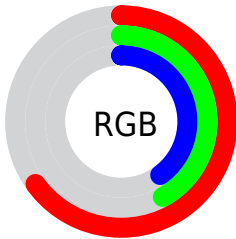
Format	Color
RYB	165, 106, 102
Decimal	10840678
CIELab	51.00, 23.11, 12.05
CIELCh	51, 26.061, 27.545
Yxy	19.2667, 0.4018, 0.3356
Android (android.graphics.Color)	4289030758 (0xFFA56A66)
YUV	123.1850, -10.4442, 36.6718
Hunter-Lab	43.8939, 17.0002, 10.3653

Details

The YUV color **123.1850, -10.4442, 36.6718** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.8150, 10.4442, -36.6718**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5660, -11.6180, 39.8456**, and **73.5050, -9.1230, 32.8831** is the 20% darker color. If you saturate the color by 10%, you get **112.4420, -13.5289, 46.0934**, and if you desaturate by 10%, it is **133.8140, -7.7963, 27.3501**.

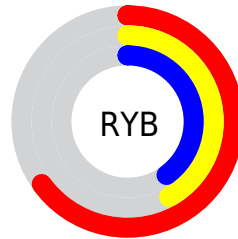
Distribution



Red (65%)

Green (42%)

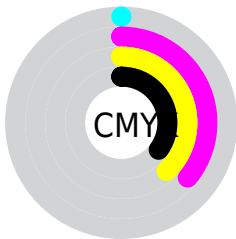
Blue (40%)



Red (65%)

Yellow (42%)

Blue (40%)

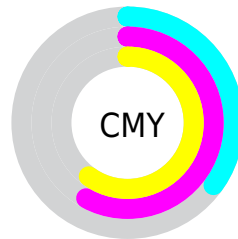


Cyan (0%)

Magenta (36%)

Yellow (38%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1850, -10.4442, 36.6718 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 123.1850, -10.4442, 36.6718 by changing the saturation by 10% instead.

■ 123.1850,
-10.4442, 36.6718

■ 123.1850,
-10.4442, 36.6718

■ 255.0000, 0.0000,
0.0000

■ 97.7010, -9.7126,
35.3422

■ 176.5660,
-11.6180, 39.8456

■ 73.5050, -9.1230,
32.8831

■ 204.1640,
-11.9129, 41.0752

■ 49.8360, -7.8071,
30.8388

■ 224.8740, -8.8119,
26.4205

■ 26.9390, -7.3649,
28.9945

■ 244.5020, -4.6845,
9.2067

■ 11.6610, -5.7489,
23.9763

■ 0.0000, 0.0000,
0.0000

■ 123.1850,
-10.4442, 36.6718

■ 123.1850,
-10.4442, 36.6718

■ 112.4420,
-13.5289, 46.0934

■ 133.8140, -7.7963,
27.3501

■ 101.2260,
-15.8874, 55.9298

■ 145.1440, -5.0010,
17.4137

■ 90.4830, -18.9721,
65.3514

■ 155.7730, -2.3531,
8.0921

■ 79.2670, -21.3306,
75.1878

■ 167.1030, 0.4422,
-1.8443

■ 68.5240, -24.4153,
84.6095

■ 177.7320, 3.0901,
-11.1660

■ 57.3080, -26.7738,
94.4459

■ 189.0620, 5.8854,
-21.1024

■ 55.2050, -27.2161,
96.2902

■ 199.6910, 8.5333,
-30.4240

■ 211.0210, 11.3286,

-40.3604

■ 221.6500, 13.9765,
-49.6821

Harmonies

Analogous

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



124.5080, -0.2504, 33.7575



123.1850, -10.4442, 36.6718



122.0780, -18.2795, 29.7496

Triad

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



123.1850, -10.4442, 36.6718



114.5660, -8.6600, -22.4214



118.0240, 23.6522, -26.3310

Complementary

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



123.1850, -10.4442, 36.6718



143.8150, 10.4442, -36.6718

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.



110.7670, 23.2859, -48.9077



123.1850, -10.4442, 36.6718



110.4740, 4.2033, -41.6347

Square

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



123.1850, -10.4442, 36.6718



117.5810, -18.0344, -2.2635



107.3010, 16.6136, -55.5150



122.9240, 18.7715, -0.8103

Rectangle

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



123.1850, -10.4442, 36.6718



120.9260, -21.1625, 21.1129



107.3010, 16.6136, -55.5150



115.3820, 23.9687, -34.5380

Sweetspot

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



123.1850, -10.4442, 36.6718



198.4640, -3.6798, 13.6251



127.6770, 16.9212, 32.7323



97.7730, -2.3531, 8.0921



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



123.1850, -10.4442, 36.6718



148.8240, -16.1822, 57.1594



141.3820, -19.4153, 20.7130



76.2780, -1.6161, 5.0182



48.6380, -23.9785, 84.5095



5.9690, -2.9427, 10.5512

Inverse Universe

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



143.8150, 10.4442, -36.6718



181.1760, 16.1822, -57.1594



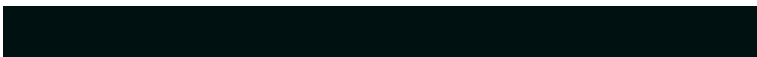
125.6180, 19.4153, -20.7130



78.7220, 1.6161, -5.0182



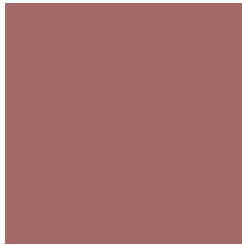
96.3620, 23.9785, -84.5095



12.0310, 2.9427, -10.5512

Previews

White Background



This preview shows how the YUV color 123.1850, -10.4442, 36.6718 looks on a white background.

Color Contrast Check

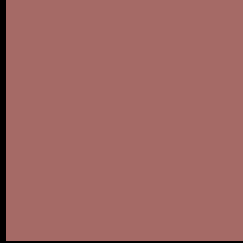
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.1850, -10.4442, 36.6718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

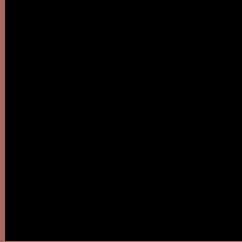
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1850, -10.4442, 36.6718

Background



This preview shows how black text looks on a background with the YUV color 123.1850, -10.4442, 36.6718.

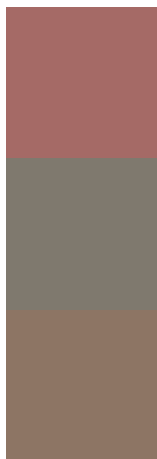


This preview shows how white text looks on a background with the YUV color 123.1850, -10.4442, 36.6718.

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

123.1850, -10.4442, 36.6718

Protanopia

121.5400, -5.6892, 4.7884

Deuteranopia

122.2380, -10.9633, 16.4543



Tritanopia

123.4500, -5.6448, 37.3164

Trichromacy



Original Color

123.1850, -10.4442, 36.6718

Protanomaly

122.4490, -7.6164, 16.2692

Deuteranomaly

122.6950, -10.6956, 23.9465

Tritanomaly

123.5810, -7.6814, 37.2015

Monochromacy



Original Color

123.1850, -10.4442, 36.6718

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0510, -3.9691, 13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1850, -10.4442, 36.6718 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(165, 106, 102)` looks like.

```
.text, #text, p{  
    color:rgb(165, 106, 102)  
}
```

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(165, 106, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 106, 102) }
```

Border

The CSS property to change the border of an element to YUV 123.1850, -10.4442, 36.6718 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(165, 106, 102) }
```


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

```
.border{ border-color:rgb(165, 106, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 106, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 106, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 106, 102);  
box-shadow:4px 4px 4px 4px rgb(165, 106,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 123.1850, -10.4442, 36.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 106, 102) }
```

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

```
.background{ background-color: rgb(165,  
106, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor