

Converting Colors

YUV(159.9570, -18.2198,
10.5617)

Have a look what the booklet for
YUV(159.9570, -18.2198, 10.5617)
contains.

YUV(159.9570, -18.2198, 10.5617)	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(159.9570, -18.2198,
10.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA17B
RGB	172, 161, 123
RGB Percent	67%, 63%, 48%
CMY	0.3255, 0.3686, 0.5176
CMYK	0.00, 0.06, 0.28, 0.33
HSL	47°, 23%, 58%
HSV	47°, 28%, 67%
XYZ	33.3333, 35.6905, 23.8710
YIQ	159.9570, 18.7540, -9.4860

Conversions

Conversions Part 2

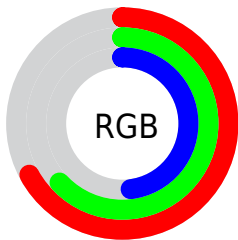
Format	Color
RYB	137, 172, 123
Decimal	11313531
CIELab	66.28, -2.07, 21.27
CIELCh	66, 21.371, 95.548
Yxy	35.6905, 0.3588, 0.3842
Android (android.graphics.Color)	4289503611 (0xFFACA17B)
YUV	159.9570, -18.2198, 10.5617
Hunter-Lab	59.7415, -4.9520, 18.1285

Details

The YUV color **159.9570, -18.2198, 10.5617** is a light color, and the websafe version is hex **999966**. A complement of this color would be **135.0430, 18.2198, -10.5617**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0280, -19.2408, 11.3764**, and **108.5870, -17.0514, 9.1322** is the 20% darker color. If you saturate the color by 10%, you get **155.6710, -24.4878, 14.3205**, and if you desaturate by 10%, it is **164.2430, -11.9518, 6.8029**.

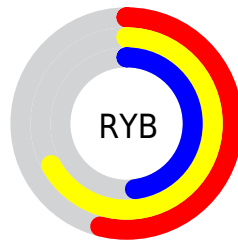
Distribution



Red (67%)

Green (63%)

Blue (48%)



Red (54%)

Yellow (67%)

Blue (48%)

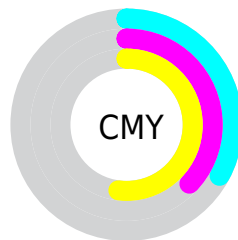


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9570, -18.2198, 10.5617 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 159.9570, -18.2198, 10.5617 by changing the saturation by 10% instead.

■ 159.9570,
-18.2198, 10.5617

■ 159.9570,
-18.2198, 10.5617

255.0000, 0.0000,
0.0000

■ 133.7720,
-17.6356, 9.8470

■ 215.0280,
-19.2408, 11.3764

■ 108.5870,
-17.0514, 9.1322

■ 242.6150,
-19.5302, 10.8616

■ 83.8150, -16.1778,
8.9322

■ 252.2640,
-10.4832, 2.3995

■ 60.3310, -15.4462,
7.6027

■ 38.2170, -15.8830,
7.7027

■ 18.9160, -9.3256,
4.4587

■ 0.0000, 0.0000,

0.0000

■ 159.9570,
-18.2198, 10.5617

■ 159.9570,
-18.2198, 10.5617

■ 155.6710,
-24.4878, 14.3205

■ 164.2430,
-11.9518, 6.8029

■ 151.3850,
-30.7558, 18.0794

■ 168.5290, -5.6838,
3.0441

■ 146.9850,
-37.4606, 21.9382

■ 172.9290, 1.0210,
-0.8147

■ 143.2860,
-44.0180, 25.1822

■ 176.6280, 7.5784,
-4.0588

■ 139.0000,
-50.2860, 28.9410

■ 180.9140, 13.8464,
-7.8176

■ 134.7140,
-56.5540, 32.6998

■ 185.2000, 20.1144,
-11.5764

■ 130.4280,
-62.8220, 36.4586

■ 189.4860, 26.3824,
-15.3352

■ 129.4990,
-63.8430, 37.2734

■ 193.2020, 30.4664,
-18.5942

■ 195.5500, 29.3089,
-20.6533

Harmonies

Analogous

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



161.9740, -17.2422, 23.7018



159.9570, -18.2198, 10.5617



157.9980, -13.8030, -6.1372

Triad

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



159.9570, -18.2198, 10.5617



153.2320, 14.6756, -40.5455



164.7390, 6.0447, 21.2769

Complementary

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



159.9570, -18.2198, 10.5617



135.0430, 18.2198, -10.5617

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.



163.4040, 14.0978, 4.9077



159.9570, -18.2198, 10.5617



155.8400, 19.3059, -32.3087

Square

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



159.9570, -18.2198, 10.5617



153.1480, 5.3500, -36.0868



160.5370, 18.9623, -15.3799



164.1010, -3.0078, 31.4834

Rectangle

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



159.9570, -18.2198, 10.5617



156.3000, -8.5289, -17.8031



160.5370, 18.9623, -15.3799



164.2160, 9.2605, 16.4736

Sweetspot

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



159.9570, -18.2198, 10.5617



219.3720, -7.5784, 4.0588



138.9050, -2.4182, 29.0243



108.8710, -4.3734, 2.7441



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.



159.9570, -18.2198, 10.5617



205.3570, -28.2770, 16.3499



162.5270, -19.4868, -3.0932



84.8000, -3.3524, 1.9294



113.5290, -55.9698, 31.9851



17.4430, -8.5994, 4.8735

Inverse Universe

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



135.0430, 18.2198, -10.5617



166.6430, 28.2770, -16.3499



132.4730, 19.4868, 3.0932



80.2000, 3.3524, -1.9294



37.0580, 55.6804, -32.4999



5.5570, 8.5994, -4.8735

Previews

White Background



This preview shows how the YUV color 159.9570, -18.2198, 10.5617 looks on a white background.

Color Contrast Check

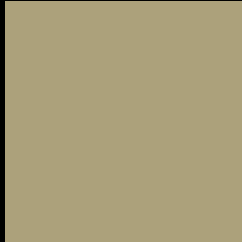
Large Text (above 18pt) WCAG AA × Fail

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 159.9570, -18.2198, 10.5617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

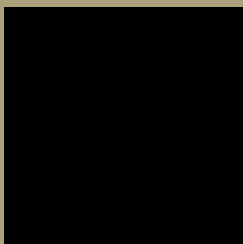
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

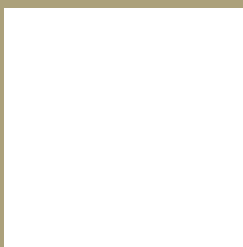
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.9570, -18.2198, 10.5617

Background



This preview shows how black text looks on a background with the YUV color 159.9570, -18.2198, 10.5617.



This preview shows how white text looks on a background with the YUV color 159.9570, -18.2198, 10.5617.

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

159.9570, -18.2198, 10.5617

Protanopia

159.9570, -18.2198, 10.5617

Deuteranopia

161.6320, -18.5526, 24.0017



Tritanopia

162.9460, 1.9986, 12.3254

Trichromacy



Original Color

159.9570, -18.2198, 10.5617

Protanomaly

159.9570, -18.2198, 10.5617

Deuteranomaly

161.0120, -18.2469, 19.2835

Tritanomaly

161.6980, -5.2741, 11.6659

Monochromacy



Original Color

159.9570, -18.2198, 10.5617

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7140, -6.2680, 3.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9570, -18.2198, 10.5617 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(172, 161, 123)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 123)  
}
```

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(172, 161, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 123) }
```

Border

The CSS property to change the border of an element to YUV 159.9570, -18.2198, 10.5617 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(172, 161, 123) }
```


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

```
.border{ border-color:rgb(172, 161, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 123);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 159.9570, -18.2198, 10.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 123) }
```

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

```
.background{ background-color: rgb(172,  
161, 123) }
```

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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