

Converting Colors

YUV(151.3710, -19.4099,
18.9686)

Have a look what the booklet for
YUV(151.3710, -19.4099, 18.9686)
contains.

YUV(151.3710, -19.4099, 18.9686)	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(151.3710, -19.4099,
18.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9470
RGB	173, 148, 112
RGB Percent	68%, 58%, 44%
CMY	0.3216, 0.4196, 0.5608
CMYK	0.00, 0.14, 0.35, 0.32
HSL	35°, 27%, 56%
HSV	35°, 35%, 68%
XYZ	30.7481, 31.2339, 19.7374
YIQ	151.3710, 26.4560, -5.8960

Conversions

Conversions Part 2

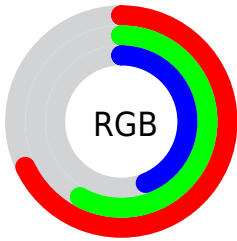
Format	Color
RYB	154, 173, 112
Decimal	11375728
CIELab	62.70, 4.00, 22.51
CIELCh	63, 22.860, 79.935
Yxy	31.2339, 0.3763, 0.3822
Android (android.graphics.Color)	4289565808 (0xFFAD9470)
YUV	151.3710, -19.4099, 18.9686
Hunter-Lab	55.8873, 0.4045, 18.1820

Details

The YUV color $151.3710, -19.4099, 18.9686$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $133.6290, 19.4099, -18.9686$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.7410, -20.5783, 20.3981$, and $99.8160, -17.6573, 16.8244$ is the 20% darker color. If you saturate the color by 10%, you get $145.3240, -24.8097, 24.2719$, and if you desaturate by 10%, it is $157.4180, -14.0101, 13.6654$.

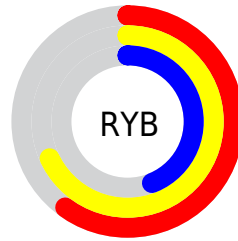
Distribution



Red (68%)

Green (58%)

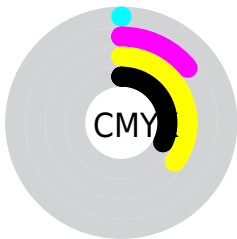
Blue (44%)



Red (60%)

Yellow (68%)

Blue (44%)

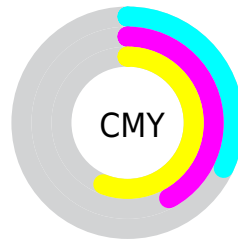


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (32%)



Cyan (32%)

Magenta (42%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3710, -19.4099, 18.9686 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 151.3710, -19.4099, 18.9686 by changing the saturation by 10% instead.

■ 151.3710,
-19.4099, 18.9686

■ 151.3710,
-19.4099, 18.9686

■ 255.0000, 0.0000,
0.0000

■ 125.1860,
-18.8257, 18.2539

■ 205.7410,
-20.5783, 20.3981

■ 99.8160, -17.6573,
16.8244

■ 233.0290,
-20.7203, 19.2686

■ 76.2180, -17.3625,
15.5948

■ 250.8960,
-15.7247, 3.5992

■ 52.8480, -16.1941,
14.1653

■ 254.2020, -3.0576,
0.6998

■ 31.6630, -15.6099,
13.4505

■ 10.1000, -4.9793,
10.4363

■ 0.0000, 0.0000,

0.0000

■ 151.3710,
-19.4099, 18.9686

■ 151.3710,
-19.4099, 18.9686

■ 145.3240,
-24.8097, 24.2719

■ 157.4180,
-14.0101, 13.6654

■ 139.1630,
-30.6464, 29.6750

■ 163.5790, -8.1734,
8.2622

■ 133.1160,
-36.0462, 34.9783

■ 169.6260, -2.7736,
2.9590

■ 127.0690,
-41.4460, 40.2815

■ 175.6730, 2.6262,
-2.3442

■ 120.9080,
-47.2826, 45.6847

■ 181.8340, 8.4628,
-7.7474

■ 114.2740,
-52.3931, 51.5027

■ 188.4680, 13.5733,
-13.5654

■ 111.6010,
-55.0193, 53.8469

■ 194.5150, 18.9731,
-18.8687

■ 200.5620, 24.3729,
-24.1719

■ 205.2410, 24.5312,
-28.2754

Harmonies

Analogous

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



153.3600, -15.9535, 30.3793



151.3710, -19.4099, 18.9686



149.3150, -17.9033, 2.3547

Triad

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



151.3710, -19.4099, 18.9686



142.2980, 11.1921, -43.2343



154.7750, 11.4499, 14.2293

Complementary

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



151.3710, -19.4099, 18.9686



133.6290, 19.4099, -18.9686

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.



152.7770, 18.3509, -5.9434



151.3710, -19.4099, 18.9686



143.9590, 18.7542, -42.0600

Square

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



151.3710, -19.4099, 18.9686



144.0900, -0.0444, -32.5279



148.6280, 20.8894, -26.8608



155.3440, 1.8024, 28.6393

Rectangle

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



151.3710, -19.4099, 18.9686



147.3890, -13.5028, -9.1112



148.6280, 20.8894, -26.8608



154.1270, 14.2344, 7.7816

Sweetspot

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



151.3710, -19.4099, 18.9686



215.3940, -7.5892, 7.5475



133.0890, 1.9281, 35.0019



106.8820, -4.3788, 4.4885



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.



151.3710, -19.4099, 18.9686



190.9780, -30.0622, 28.9603



164.5510, -25.9076, 3.0248



83.6260, -2.7736, 2.9590



97.0930, -47.8668, 46.3994



15.0950, -7.4418, 6.9327

Inverse Universe

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



133.6290, 19.4099, -18.9686



163.6090, 29.7728, -29.4751



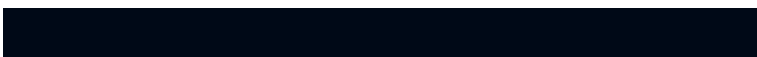
120.4490, 25.9076, -3.0248



81.3740, 2.7736, -2.9590



53.4940, 47.5775, -46.9142



7.9050, 7.4418, -6.9327

Previews

White Background



This preview shows how the YUV color 151.3710, -19.4099, 18.9686 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 151.3710, -19.4099, 18.9686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

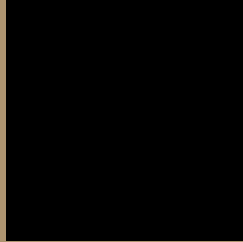
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.3710, -19.4099, 18.9686

Background



This preview shows how black text looks on a background with the YUV color 151.3710, -19.4099, 18.9686.



This preview shows how white text looks on a background with the YUV color 151.3710, -19.4099, 18.9686.

18.9686.

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

151.3710, -19.4099, 18.9686

Protanopia

150.9570, -18.2198, 10.5617

Deuteranopia

152.1050, -19.2788, 23.5869



Tritanopia

153.8330, 0.0823, 20.3175

Trichromacy



Original Color

151.3710, -19.4099, 18.9686

Protanomaly

151.4520, -18.9568, 13.6356

Deuteranomaly

152.0940, -19.2733, 21.8426

Tritanomaly

152.9980, -6.9010, 20.1728

Monochromacy



Original Color

151.3710, -19.4099, 18.9686

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2090, -7.0050, 6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3710, -19.4099, 18.9686 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(173, 148, 112)` looks like.

```
.text, #text, p{  
    color:rgb(173, 148, 112)  
}
```

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(173, 148, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 148, 112) }
```

Border

The CSS property to change the border of an element to YUV 151.3710, -19.4099, 18.9686 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(173, 148, 112) }
```


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

```
.border{ border-color:rgb(173, 148, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 148, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 148, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 148, 112); box-shadow:4px 4px 4px 4px rgb(173, 148, 112) }
```

Background

The CSS property to change the background color of an element to YUV 151.3710, -19.4099, 18.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 148, 112) }
```

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

```
.background{ background-color: rgb(173,  
148, 112) }
```

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