

Converting Colors

YUV(151.9510, -19.2028,
-0.8340)

Have a look what the booklet for
YUV(151.9510, -19.2028, -0.8340)
contains.

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Color

**YUV(151.9510, -19.2028,
-0.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	97A071
RGB	151, 160, 113
RGB Percent	59%, 63%, 44%
CMY	0.4078, 0.3725, 0.5569
CMYK	0.06, 0.00, 0.29, 0.37
HSL	71°, 20%, 54%
HSV	71°, 29%, 63%
XYZ	28.3139, 32.9132, 20.4834
YIQ	151.9510, 9.7230, -16.5250

Conversions

Conversions Part 2

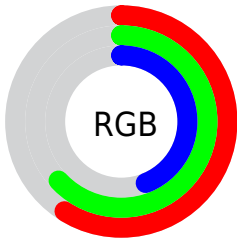
Format	Color
RYB	113, 160, 122
Decimal	9937009
CIELab	64.09, -11.29, 23.49
CIELCh	64, 26.060, 115.664
Yxy	32.9132, 0.3465, 0.4028
Android (android.graphics.Color)	4288127089 (0xFF97A071)
YUV	151.9510, -19.2028, -0.8340
Hunter-Lab	57.3700, -12.3020, 18.9901

Details

The YUV color $151.9510, -19.2028, -0.8340$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $121.0490, 19.2028, 0.8340$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $206.6090, -20.5132, -0.5341$, and $100.8800, -18.1818, -1.6488$ is the 20% darker color. If you saturate the color by 10%, you get $149.2300, -25.7494, -1.0787$, and if you desaturate by 10%, it is $154.6720, -12.6563, -0.5893$.

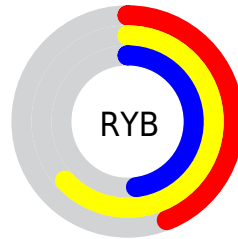
Distribution



Red (59%)

Green (63%)

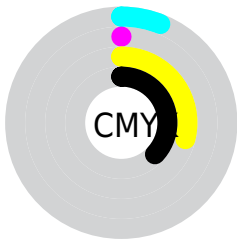
Blue (44%)



Red (44%)

Yellow (63%)

Blue (48%)

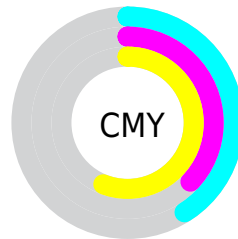


Cyan (6%)

Magenta (0%)

Yellow (29%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9510, -19.2028, -0.8340 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 151.9510, -19.2028, -0.8340 by changing the saturation by 10% instead.

■ 151.9510,
-19.2028, -0.8340

■ 151.9510,
-19.2028, -0.8340

■ 255.0000, 0.0000,
0.0000

■ 126.0650,
-18.7660, -0.9340

■ 206.6090,
-20.5132, -0.5341

■ 100.8800,
-18.1818, -1.6488

■ 234.4950,
-20.9500, -0.4341

■ 76.5210, -17.0189,
-1.3339

■ 251.0100,
-15.2879, 3.4992

■ 53.6350, -16.5821,
-1.4339

■ 254.3160, -2.6208,
0.5999

■ 32.1620, -15.8559,
-1.0191

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,

0.0000

■ 151.9510,
-19.2028, -0.8340

■ 151.9510,
-19.2028, -0.8340

■ 149.2300,
-25.7494, -1.0787

■ 154.6720,
-12.6563, -0.5893

■ 146.5090,
-32.2959, -1.3234

■ 157.3930, -6.1097,
-0.3447

■ 143.7880,
-38.8425, -1.5681

■ 160.1140, 0.4368,
-0.1000

■ 141.0670,
-45.3890, -1.8128

■ 162.8350, 6.9833,
0.1447

■ 138.3460,
-51.9356, -2.0574

■ 165.5560, 13.5299,
0.3894

■ 135.6250,
-58.4821, -2.3021

■ 168.2770, 20.0764,
0.6341

■ 132.9040,
-65.0287, -2.5468

■ 170.9980, 26.6230,
0.8788

■ 132.4910,
-65.3181, -3.0616

■ 174.0180, 33.0221,
1.7382

■ 176.5110, 38.6951,
2.1829

Harmonies

Analogous

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



154.5620, -22.4621, 17.9241



151.9510, -19.2028, -0.8340



148.5230, -10.1178, -21.5067

Triad

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



151.9510, -19.2028, -0.8340



146.3650, 22.9911, -47.6781



158.7470, 0.6177, 35.3019

Complementary

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



151.9510, -19.2028, -0.8340



121.0490, 19.2028, 0.8340

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.



159.1070, 11.2862, 20.0772



151.9510, -19.2028, -0.8340



152.4260, 23.9470, -27.5606

Square

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



151.9510, -19.2028, -0.8340



143.6820, 15.4398, -52.3411



157.1410, 19.6505, -2.7547



157.4950, -10.5970, 39.0309

Rectangle

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



151.9510, -19.2028, -0.8340



146.3240, -1.6387, -34.4871



157.1410, 19.6505, -2.7547



158.6370, 4.1230, 31.0134

Sweetspot

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



151.9510, -19.2028, -0.8340



205.6380, -7.7095, -0.5595



132.3360, -9.5326, 24.2613



102.7350, -4.7994, -0.6446



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



151.9510, -19.2028, -0.8340



196.4920, -29.8226, -1.3085



145.0740, -15.8125, -14.9739



77.7890, -3.3470, 0.1850



118.3260, -58.3347, -2.9169



12.3930, -6.1097, -0.3447

Inverse Universe

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



121.0490, 19.2028, 0.8340



148.5080, 29.8226, 1.3085



127.9260, 15.8125, 14.9739



72.5100, 3.1996, 0.4297



24.3750, 58.4821, 2.3021



2.6070, 6.1097, 0.3447

Previews

White Background



This preview shows how the YUV color 151.9510, -19.2028, -0.8340 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 151.9510, -19.2028, -0.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

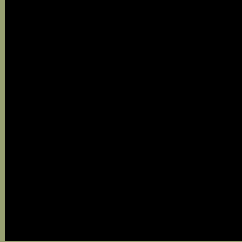
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.9510, -19.2028, -0.8340

Background



This preview shows how black text looks on a background with the YUV color 151.9510, -19.2028, -0.8340.



This preview shows how white text looks on a background with the YUV color 151.9510, -19.2028, -0.8340.

-0.8340.

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

151.9510, -19.2028, -0.8340

Protanopia

153.5720, -20.9880, 11.7764

Deuteranopia

155.2900, -19.8630, 24.3017



Tritanopia

155.8630, 4.5045, 1.8741

Trichromacy



Original Color

151.9510, -19.2028, -0.8340

Protanomaly

153.0660, -20.2455, 6.9581

Deuteranomaly

153.9360, -19.6884, 14.9651

Tritanomaly

154.5610, -4.2206, 0.3850

Monochromacy



Original Color

151.9510, -19.2028, -0.8340

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1650, -6.9833, -0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9510, -19.2028, -0.8340 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(151, 160, 113)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 113)  
}
```

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(151, 160, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 113) }
```

Border

The CSS property to change the border of an element to YUV 151.9510, -19.2028, -0.8340 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(151, 160, 113) }
```


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

```
.border{ border-color:rgb(151, 160, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 113);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 151.9510, -19.2028, -0.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 113) }
```

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

```
.background{ background-color: rgb(151,  
160, 113) }
```

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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