

Converting Colors

YUV(191.8480, -19.6451,
1.0103)

Have a look what the booklet for
YUV(191.8480, -19.6451, 1.0103)
contains.

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Color

**YUV(191.8480, -19.6451,
1.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C798
RGB	193, 199, 152
RGB Percent	76%, 78%, 60%
CMY	0.2431, 0.2196, 0.4039
CMYK	0.03, 0.00, 0.24, 0.22
HSL	68°, 30%, 69%
HSV	68°, 24%, 78%
XYZ	48.0832, 54.4513, 37.6817
YIQ	191.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

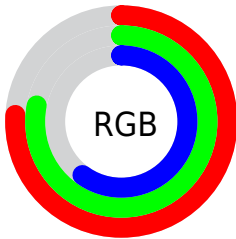
Format	Color
RYB	152, 199, 158
Decimal	12699544
CIELab	78.72, -9.89, 22.90
CIElCh	79, 24.945, 113.361
Yxy	54.4513, 0.3429, 0.3883
Android (android.graphics.Color)	4290889624 (0xFFC1C798)
YUV	191.8480, -19.6451, 1.0103
Hunter-Lab	73.7911, -12.8216, 21.3772

Details

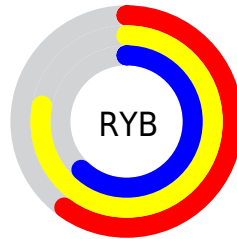
The YUV color $191.8480, -19.6451, 1.0103$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.1520, 19.6451, -1.0103$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9190, -20.6661, 1.8250$, and $138.1900, -18.3347, 0.7104$ is the 20% darker color. If you saturate the color by 10%, you get $188.6710, -27.9388, 1.1655$, and if you desaturate by 10%, it is $195.0250, -11.3513, 0.8551$.

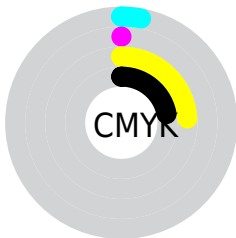
Distribution



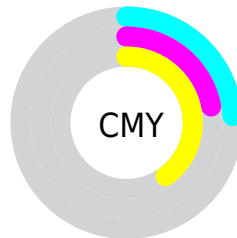
- Red (76%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8480, -19.6451, 1.0103 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 191.8480, -19.6451, 1.0103 by changing the saturation by 10% instead.

■ 191.8480,
-19.6451, 1.0103

■ 191.8480,
-19.6451, 1.0103

255.0000, 0.0000,
0.0000

■ 164.9620,
-19.2083, 0.9103

■ 247.9190,
-20.6661, 1.8250

■ 138.1900,
-18.3347, 0.7104

■ 252.7200, -8.7360,
1.9996

■ 112.8910,
-18.1873, 0.0956

■ 88.1190, -17.3137,
-0.1044

■ 64.3470, -16.4401,
-0.3043

■ 42.3470, -16.4401,
-0.3043

■ 22.4160, -11.0511,

-2.1188

■ 0.0000, 0.0000,
0.0000

■ 191.8480,
-19.6451, 1.0103

■ 191.8480,
-19.6451, 1.0103

■ 188.6710,
-27.9388, 1.1655

■ 195.0250,
-11.3513, 0.8551

■ 185.7930,
-36.3799, 1.9355

■ 197.9030, -2.9102,
0.0851

■ 182.6160,
-44.6737, 2.0908

■ 201.0800, 5.3836,
-0.0702

■ 179.7380,
-53.1148, 2.8608

■ 203.9580, 13.8247,
-0.8402

■ 176.6750,
-60.9718, 2.9160

■ 207.1350, 22.1184,
-0.9954

■ 173.7970,
-69.4129, 3.6860

■ 208.0750, 23.1340,
-0.0658

■ 170.6200,
-77.7067, 3.8413

■ 208.9720, 22.6918,
1.7786

■ 168.8390,
-83.2376, 4.5262

■ 209.5700, 22.3970,
3.0081

■ 210.4670, 21.9548,
4.8524

Harmonies

Analogous

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



194.5730, -22.4675, 19.6685



191.8480, -19.6451, 1.0103



189.0070, -10.8495, -20.1771

Triad

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



191.8480, -19.6451, 1.0103



187.3330, 21.5278, -45.0190



199.1490, 0.9125, 34.0723

Complementary

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



191.8480, -19.6451, 1.0103



159.1520, 19.6451, -1.0103

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.



198.6230, 12.0179, 18.7476



191.8480, -19.6451, 1.0103



192.0130, 23.6576, -28.0754

Square

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



191.8480, -19.6451, 1.0103



184.8350, 13.3923, -48.9673



196.5430, 19.9453, -3.9842



198.0220, -9.8708, 39.4457

Rectangle

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



191.8480, -19.6451, 1.0103



186.9930, -2.9545, -32.4429



196.5430, 19.9453, -3.9842



199.1530, 4.8546, 29.6838

Sweetspot

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



191.8480, -19.6451, 1.0103



252.3500, -7.5675, 0.5701



168.9880, -8.3751, 26.3205



126.1480, -4.5100, -0.1298



0.0000, 0.0000, 0.0000



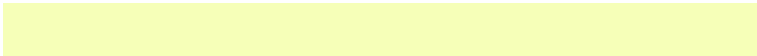
128.0000, 0.0000, 0.0000

Same Dimension

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



191.8480, -19.6451, 1.0103



244.2150, -29.6860, 1.5654



184.9710, -16.2547, -13.1296



97.6750, -3.7838, 0.2850



138.1390, -68.1025, 3.3861



30.4010, -14.9877, 0.5253

Inverse Universe

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



159.1520, 19.6451, -1.0103



194.7850, 29.6860, -1.5654



166.0290, 16.2547, 13.1296



91.3250, 3.7838, -0.2850



24.8610, 68.1025, -3.3861



5.5990, 14.9877, -0.5253

Previews

White Background



This preview shows how the YUV color 191.8480, -19.6451, 1.0103 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 191.8480, -19.6451, 1.0103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

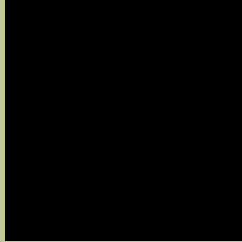
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

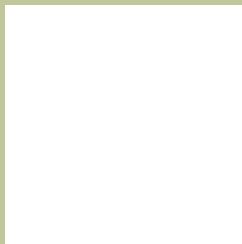
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.8480, -19.6451, 1.0103

Background



This preview shows how black text looks on a background with the YUV color 191.8480, -19.6451, 1.0103.



This preview shows how white text looks on a background with the YUV color 191.8480, -19.6451, 1.0103.

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

191.8480, -19.6451, 1.0103

Protanopia

193.1700, -21.2828, 13.0059

Deuteranopia

195.1980, -20.3106, 27.8904



Tritanopia

196.1020, 5.3727, 3.4185

Trichromacy



Original Color

191.8480, -19.6451, 1.0103

Protanomaly

192.9630, -20.6878, 8.8024

Deuteranomaly

193.8440, -20.1361, 18.5538

Tritanomaly

194.6860, -3.7892, 2.0294

Monochromacy



Original Color

191.8480, -19.6451, 1.0103

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8480, -19.6451, 1.0103 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(193, 199, 152)` looks like.

```
.text, #text, p{  
    color:rgb(193, 199, 152)  
}
```

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(193, 199, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 199, 152) }
```

Border

The CSS property to change the border of an element to YUV 191.8480, -19.6451, 1.0103 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(193, 199, 152) }
```


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

```
.border{ border-color:rgb(193, 199, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 199, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 199, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 199, 152);  
box-shadow:4px 4px 4px 4px rgb(193, 199,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 191.8480, -19.6451, 1.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 199, 152) }
```

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

```
.background{ background-color: rgb(193,  
199, 152) }
```

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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