

Converting Colors

YUV(164.8480, -19.6451,
1.0103)

Have a look what the booklet for
YUV(164.8480, -19.6451, 1.0103)
contains.

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Color

**YUV(164.8480, -19.6451,
1.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	A6AC7D
RGB	166, 172, 125
RGB Percent	65%, 67%, 49%
CMY	0.3490, 0.3255, 0.5098
CMYK	0.03, 0.00, 0.27, 0.33
HSL	68°, 22%, 58%
HSV	68°, 27%, 67%
XYZ	34.1801, 39.0927, 25.1462
YIQ	164.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

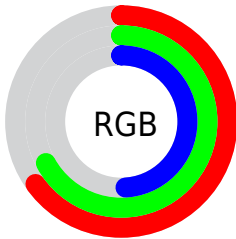
Format	Color
RYB	125, 172, 131
Decimal	10923133
CIELab	68.82, -10.03, 23.53
CIELCh	69, 25.582, 113.095
Yxy	39.0927, 0.3473, 0.3972
Android (android.graphics.Color)	4289113213 (0xFFA6AC7D)
YUV	164.8480, -19.6451, 1.0103
Hunter-Lab	62.5242, -11.8367, 19.9214

Details

The YUV color **164.8480, -19.6451, 1.0103** is a light color, and the websafe version is hex **999966**. A complement of this color would be **132.1520, 19.6451, -1.0103**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6200, -20.5187, 1.2103**, and **113.1900, -18.3347, 0.7104** is the 20% darker color. If you saturate the color by 10%, you get **162.3120, -26.7758, 1.4804**, and if you desaturate by 10%, it is **167.3840, -12.5143, 0.5402**.

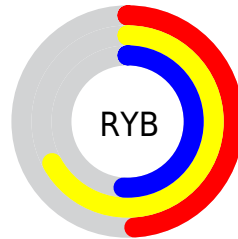
Distribution



Red (65%)

Green (67%)

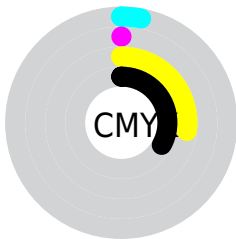
Blue (49%)



Red (49%)

Yellow (67%)

Blue (51%)

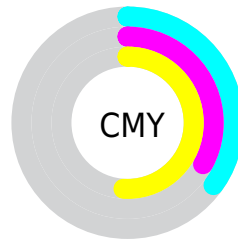


Cyan (3%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8480, -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 164.8480, -19.6451, 1.0103 by changing the saturation by 10% instead.

■ 164.8480,
-19.6451, 1.0103

■ 164.8480,
-19.6451, 1.0103

255.0000, 0.0000,
0.0000

■ 138.0760,
-18.7715, 0.8103

■ 219.6200,
-20.5187, 1.2103

■ 113.1900,
-18.3347, 0.7104

■ 247.9190,
-20.6661, 1.8250

■ 88.3040, -17.8979,
0.6104

■ 252.6060, -9.1728,
2.0995

■ 64.5320, -17.0243,
0.4104

■ 42.1190, -17.3137,
-0.1044

■ 22.4160, -11.0511,
-2.1188

■ 0.0000, 0.0000,

0.0000

■ 164.8480,
-19.6451, 1.0103

■ 164.8480,
-19.6451, 1.0103

■ 162.3120,
-26.7758, 1.4804

■ 167.3840,
-12.5143, 0.5402

■ 159.7760,
-33.9066, 1.9504

■ 169.9200, -5.3836,
0.0702

■ 156.8270,
-41.3267, 1.9057

■ 172.8690, 2.0366,
0.1149

■ 154.2910,
-48.4575, 2.3758

■ 175.4050, 9.1673,
-0.3552

■ 151.7550,
-55.5882, 2.8459

■ 177.9410, 16.2981,
-0.8253

■ 149.2190,
-62.7190, 3.3159

■ 180.4770, 23.4288,
-1.2953

■ 146.6830,
-69.8497, 3.7860

■ 183.0130, 30.5596,
-1.7654

■ 145.8140,
-71.8863, 3.6711

■ 185.0500, 34.4854,
-0.9208

■ 185.6480, 34.1905,
0.3087

Harmonies

Analogous

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



167.5730, -22.4675, 19.6685



164.8480, -19.6451, 1.0103



161.8930, -11.2862, -20.0772

Triad

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



164.8480, -19.6451, 1.0103



159.4360, 21.9701, -46.8634



171.8500, 1.0600, 33.4576

Complementary

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



164.8480, -19.6451, 1.0103



132.1520, 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.



171.6230, 12.0179, 18.7476



164.8480, -19.6451, 1.0103



164.7140, 23.8050, -28.6902

Square

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



164.8480, -19.6451, 1.0103



157.2370, 13.6872, -50.1968



169.2440, 20.0927, -4.5990



170.7230, -9.7234, 38.8309

Rectangle

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



164.8480, -19.6451, 1.0103



159.6940, -2.8071, -33.0576



169.2440, 20.0927, -4.5990



172.1530, 4.8546, 29.6838

Sweetspot

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



164.8480, -19.6451, 1.0103



221.3500, -7.5675, 0.5701



141.9880, -8.3751, 26.3205



110.4470, -4.6574, 0.4850



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.



164.8480, -19.6451, 1.0103



212.8730, -30.9964, 1.8654



157.9710, -16.2547, -13.1296



85.6750, -3.7838, 0.2850



127.2190, -62.7190, 3.3159



19.4810, -9.6041, 0.4552

Inverse Universe

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



132.1520, 19.6451, -1.0103



161.4260, 30.8490, -1.2506



139.0290, 16.2547, 13.1296



79.3250, 3.7838, -0.2850



22.7810, 62.7190, -3.3159



3.5190, 9.6041, -0.4552

Previews

White Background



This preview shows how the YUV color 164.8480, -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 164.8480, -19.6451, 1.0103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

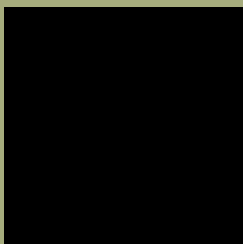
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

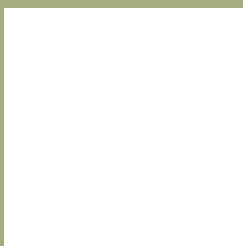
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.8480, -19.6451, 1.0103

Background



This preview shows how black text looks on a background with the YUV color 164.8480, -19.6451, 1.0103.



This preview shows how white text looks on a background with the YUV color 164.8480, -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

164.8480, -19.6451, 1.0103

Protanopia

166.4580, -21.4248, 11.8763

Deuteranopia

167.8880, -20.1578, 25.5312



Tritanopia

168.8740, 4.4991, 3.6185

Trichromacy



Original Color

164.8480, -19.6451, 1.0103

Protanomaly

165.6640, -20.5404, 8.1877

Deuteranomaly

166.8330, -20.1307, 16.8095

Tritanomaly

167.5720, -4.2260, 2.1294

Monochromacy



Original Color

164.8480, -19.6451, 1.0103

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8480, -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(166, 172, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 172, 125)  
}
```

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(166, 172, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 172, 125) }
```

Border

The CSS property to change the border of an element to YUV 164.8480, -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(166, 172, 125) }
```


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

```
.border{ border-color:rgb(166, 172, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 172, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 172, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 172, 125);  
box-shadow:4px 4px 4px 4px rgb(166, 172,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 164.8480, -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(166, 172, 125) }
```

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

```
.background{ background-color: rgb(166,  
172, 125) }
```

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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