

Converting Colors

YUV(39.8480, -19.6451, 1.0103)

Have a look what the booklet for
YUV(39.8480, -19.6451, 1.0103)
contains.

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Color

**YUV(39.8480, -19.6451,
1.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	292F00
RGB	41, 47, 0
RGB Percent	16%, 18%, 0%
CMY	0.8392, 0.8157, 1.0000
CMYK	0.13, 0.00, 1.00, 0.82
HSL	68°, 100%, 9%
HSV	68°, 100%, 18%
XYZ	1.9310, 2.5044, 0.3816
YIQ	39.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

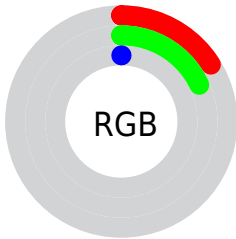
Format	Color
RYB	0, 47, 6
Decimal	2699008
CIELab	17.94, -9.86, 25.47
CIElCh	18, 27.311, 111.154
Yxy	2.5044, 0.4009, 0.5199
Android (android.graphics.Color)	4280889088 (0xFF292F00)
YUV	39.8480, -19.6451, 1.0103
Hunter-Lab	15.8254, -5.9146, 9.6480

Details

The YUV color **39.8480, -19.6451, 1.0103** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.1520, 19.6451, -1.0103**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2610, -19.3557, 1.5251**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.8480, -19.6451, 1.0103**, and if you desaturate by 10%, it is **40.7170, -17.6085, 1.1252**.

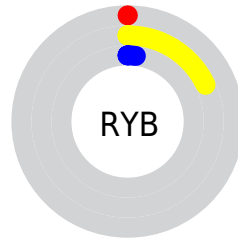
Distribution



Red (16%)

Green (18%)

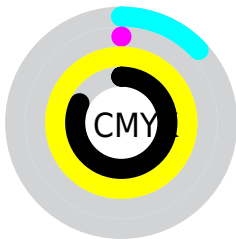
Blue (0%)



Red (0%)

Yellow (18%)

Blue (2%)

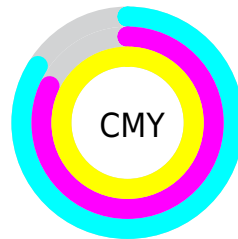


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (84%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.8480, -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 39.8480, -19.6451, 1.0103 by changing the saturation by 10% instead.

■ 39.8480, -19.6451,
1.0103

■ 39.8480, -19.6451,
1.0103

■ 251.8080,
-12.2303, 2.7994

■ 20.9320, -10.3195,
-3.4484

■ 86.2610, -19.3557,
1.5251

■ 0.0000, 0.0000,
0.0000

■ 110.4460,
-19.9399, 2.2399


■ 135.9190,
-20.6661, 1.8250


■ 162.1040,
-21.2503, 2.5398


■ 189.8760,
-22.1239, 2.7397


■ 217.7620,


-22.5607, 2.8397


 245.6480,
-22.9975, 2.9397


 39.8480, -19.6451,
1.0103

 40.7170, -17.6085,
1.1252

 41.1730, -15.8613,
0.7253

 42.0420, -13.8247,
0.8402

 42.6120, -11.6407,
0.3403

 43.4810, -9.6041,
0.4552

■ 44.2360, -8.0043,
0.6700

■ 44.8060, -5.8204,
0.1701

■ 45.6750, -3.7838,
0.2850

■ 46.1310, -2.0366,
-0.1149

Harmonies

Analogous

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



41.7080, -20.5620, 15.1651



39.8480, -19.6451, 1.0103



36.4740, -9.1077, -18.8327

Triad

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



39.8480, -19.6451, 1.0103



38.9600, 17.2747, -34.1679



43.8000, 3.5496, 28.2394

Complementary

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



39.8480, -19.6451, 1.0103



7.1520, 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.



45.1880, 11.7393, 14.7441



39.8480, -19.6451, 1.0103



37.6380, 22.3635, -33.0085

Square

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



39.8480, -19.6451, 1.0103



37.7230, 9.9966, -33.0831



43.1680, 18.6512, -8.9173



42.4170, -5.6286, 32.0833

Rectangle

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



39.8480, -19.6451, 1.0103



33.9440, -1.9444, -29.7689



43.1680, 18.6512, -8.9173



44.1740, 6.3232, 25.2804

Sweetspot

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



39.8480, -19.6451, 1.0103



58.3500, -7.5675, 0.5701



16.9880, -8.3751, 26.3205



29.1480, -4.5100, -0.1298



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



39.8480, -19.6451, 1.0103



51.6540, -25.4654, 1.1804



32.9710, -16.2547, -13.1296



22.7720, -0.8736, 0.2000



73.7930, -36.3799, 1.9355



181.5310, -89.4948, 4.7963

Inverse Universe

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



7.1520, 19.6451, -1.0103



9.3460, 25.4654, -1.1804



14.0290, 16.2547, 13.1296



21.2280, 0.8736, -0.2000



13.2070, 36.3799, -1.9355



32.4690, 89.4948, -4.7963

Previews

White Background



This preview shows how the YUV color 39.8480, -19.6451, 1.0103 looks on a white background.

Color Contrast Check

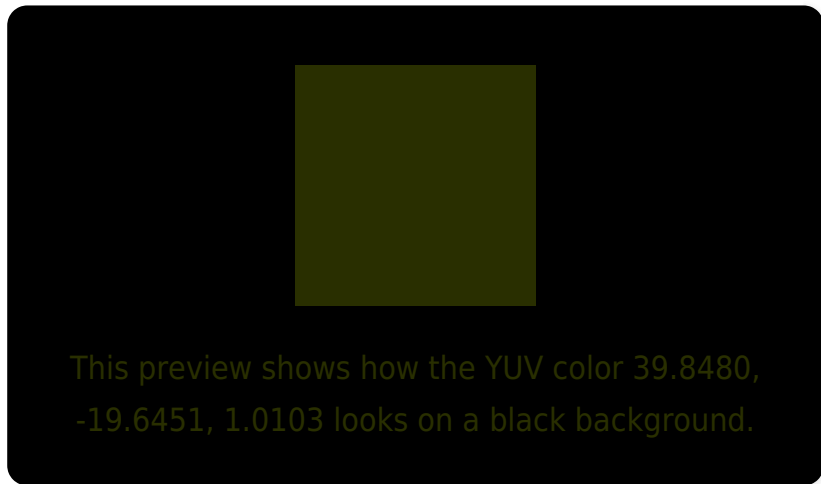
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

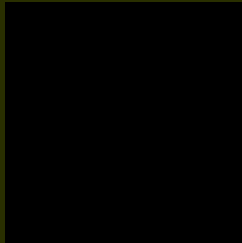
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.8480, -19.6451, 1.0103

Background



This preview shows how black text looks on a background with the YUV color 39.8480, -19.6451, 1.0103.



This preview shows how white text looks on a background with the YUV color 39.8480, -19.6451,

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



Protanopia

40.7780, -20.1036, 8.0877

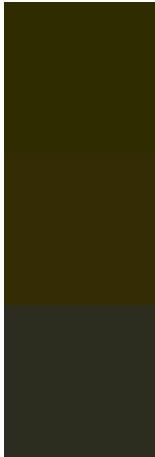
Deuteranopia

42.3100, -16.9148, 12.0061

Tritanopia

44.6410, 1.1630, 0.3148

Trichromacy



Protanomaly

40.4680, -19.9507, 5.7286

Deuteranomaly

41.6470, -18.0670, 8.2026

Tritanomaly

42.9910, -6.4046, 0.8849

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.8480, -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(41, 47, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 47, 0)  
}
```

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(41, 47, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 47, 0) }
```

Border

The CSS property to change the border of an element to YUV 39.8480, -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(41, 47, 0) }
```

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

```
.border{ border-color:rgb(41, 47, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 47, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 47, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 47, 0); box-shadow:4px  
4px 4px 4px rgb(41, 47, 0) }
```


Background

The CSS property to change the background color of an element to YUV 39.8480, -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(41, 47, 0) }
```

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

```
.background{ background-color: rgb(41, 47,  
0) }
```

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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