

Converting Colors

YUV(78.9970, -19.2255,
-40.3394)

Have a look what the booklet for
YUV(78.9970, -19.2255, -40.3394)
contains.

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Color

**YUV(78.9970, -19.2255,
-40.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	216E28
RGB	33, 110, 40
RGB Percent	13%, 43%, 16%
CMY	0.8706, 0.5686, 0.8431
CMYK	0.70, 0.00, 0.64, 0.57
HSL	125°, 54%, 28%
HSV	125°, 70%, 43%
XYZ	6.5861, 11.6284, 3.9049
YIQ	78.9970, -23.4220, -38.0940

Conversions

Conversions Part 2

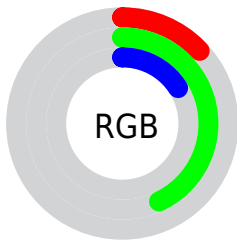
Format	Color
RYB	33, 104, 110
Decimal	2190888
CIELab	40.62, -38.68, 31.66
CIELCh	41, 49.988, 140.695
Yxy	11.6284, 0.2978, 0.5257
Android (android.graphics.Color)	4280380968 (0xFF216E28)
YUV	78.9970, -19.2255, -40.3394
Hunter-Lab	34.1004, -25.2004, 17.0810

Details

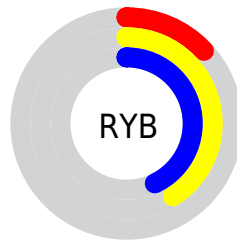
The YUV color **78.9970, -19.2255, -40.3394** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **64.0030, 19.2255, 40.3394**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7370, -21.5623, -37.4803**, and **35.8070, -17.6529, -31.4027** is the 20% darker color. If you saturate the color by 10%, you get **74.5680, -21.9720, -46.1021**, and if you desaturate by 10%, it is **83.4260, -16.4790, -34.5766**.

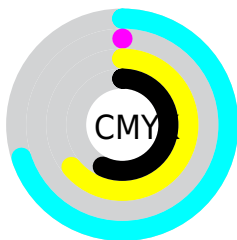
Distribution



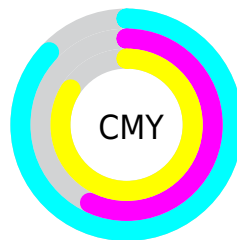
- Red (13%)
- Green (43%)
- Blue (16%)



- Red (13%)
- Yellow (41%)
- Blue (43%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)
- Black (57%)



- Cyan (87%)
- Magenta (57%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9970, -19.2255, -40.3394 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 78.9970, -19.2255, -40.3394 by changing the saturation by 10% instead.

■ 78.9970, -19.2255,
-40.3394

■ 78.9970, -19.2255,
-40.3394

255.0000, 0.0000,
0.0000

■ 51.7190, -17.6095,
-45.3576

■ 131.7370,
-21.5623, -37.4803

■ 35.8070, -17.6529,
-31.4027

■ 159.0960,
-22.7253, -37.7952

■ 23.4800, -11.5756,
-20.5920

■ 186.5690,
-23.4515, -38.2100

■ 2.3480, -1.1576,
-2.0592

■ 214.7430,
-24.0303, -39.2396

■ 0.0000, 0.0000,
0.0000

■ 231.1880,
-18.8267, -28.2289

■ 243.0510,

-10.8711, -13.1997

254.4300, -2.1840,
0.4999

■ 78.9970, -19.2255,
-40.3394

■ 78.9970, -19.2255,
-40.3394

■ 74.5680, -21.9720,
-46.1021

■ 83.4260, -16.4790,
-34.5766

■ 70.1390, -24.7185,
-51.8649

■ 87.8550, -13.7325,
-28.8138

■ 65.7100, -27.4650,
-57.6277

■ 92.2840, -10.9860,
-23.0511

■ 96.7130, -8.2395,
-17.2883

■ 101.1420, -5.4930,
-11.5255

■ 105.5710, -2.7465,
-5.7628

■ 110.0000, 0.0000,
0.0000

■ 114.4290, 2.7465,
5.7628

■ 118.8580, 5.4930,
11.5255

Harmonies

Analogous

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



86.1860, -42.4897, 1.5909



78.9970, -19.2255, -40.3394



76.1520, 2.3901, -66.7853

Triad

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



78.9970, -19.2255, -40.3394



81.2260, 47.2166, -71.2352



90.9700, -10.8312, 67.5553

Complementary

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



78.9970, -19.2255, -40.3394



64.0030, 19.2255, 40.3394

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.



93.2630, 8.2513, 60.2823



78.9970, -19.2255, -40.3394



93.1830, 39.3498, -21.2085

Square

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



78.9970, -19.2255, -40.3394



83.8700, 37.0391, -73.5540



98.0170, 24.6416, 29.8031



91.9580, -29.5593, 54.4108

Rectangle

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



78.9970, -19.2255, -40.3394



80.0450, 14.7678, -70.1995



98.0170, 24.6416, 29.8031



91.6910, -4.2847, 67.8000

Sweetspot

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



78.9970, -19.2255, -40.3394



130.9520, -7.3713, -15.7439



99.4280, -32.7490, 4.0096



64.0930, -4.4828, -8.8516



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



78.9970, -19.2255, -40.3394



94.6940, -29.9221, -62.8756



83.3290, -2.6272, -44.1385



53.6360, -1.2995, -3.1888



71.6940, -29.9221, -62.8756



147.4970, -61.8700, -129.3549

Inverse Universe

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



64.0030, 19.2255, 40.3394



71.3060, 29.9221, 62.8756



59.6710, 2.6272, 44.1385



52.4780, 1.7363, 3.0888



48.3060, 29.9221, 62.8756



99.5030, 61.8700, 129.3549

Previews

White Background



This preview shows how the YUV color 78.9970, -19.2255, -40.3394 looks on a white background.

Color Contrast Check

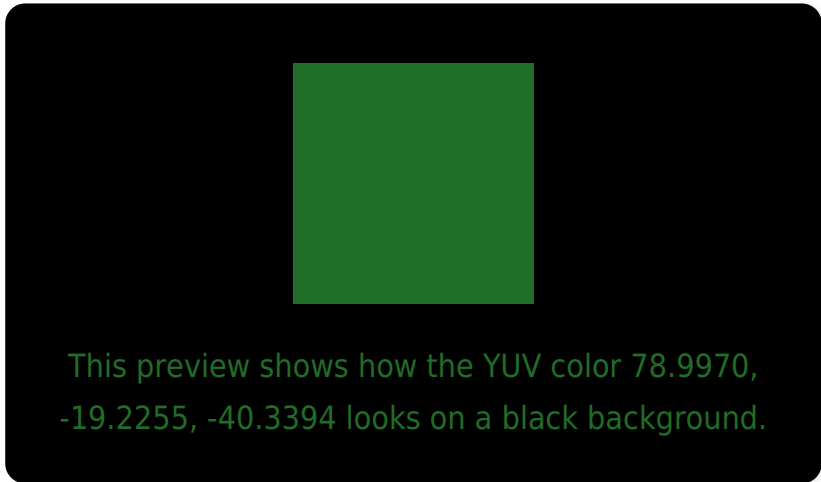
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 78.9970, -19.2255, -40.3394

Background



This preview shows how black text looks on a background with the YUV color 78.9970, -19.2255, -40.3394.



This preview shows how white text looks on a background with the YUV color 78.9970, -19.2255, -40.3394.

-40.3394.

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

78.9970, -19.2255, -40.3394

Protanopia

91.5630, -27.3926, 12.6612

Deuteranopia

93.9430, -23.6359, 21.0980



Tritanopia

89.2610, 10.7173, -30.9239

Trichromacy



Original Color

78.9970, -19.2255, -40.3394

Protanomaly

86.5390, -24.4227, -6.6117

Deuteranomaly

88.5550, -21.9656, -1.3637

Tritanomaly

85.6660, -0.3283, -34.7871

Monochromacy



Original Color

78.9970, -19.2255, -40.3394

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7780, -6.7926, -14.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9970, -19.2255, -40.3394 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(33, 110, 40)` looks like.

```
.text, #text, p{  
    color:rgb(33, 110, 40)  
}
```

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(33, 110, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 110, 40) }
```

Border

The CSS property to change the border of an element to YUV 78.9970, -19.2255, -40.3394 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(33, 110, 40) }
```


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

```
.border{ border-color:rgb(33, 110, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 110, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 110, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 110, 40);  
box-shadow:4px 4px 4px 4px rgb(33, 110,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 78.9970, -19.2255, -40.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 110, 40) }
```

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

```
.background{ background-color: rgb(33, 110,  
40) }
```

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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