

Converting Colors

YUV(78.1290, -19.2906,
-19.4071)

Have a look what the booklet for
YUV(78.1290, -19.2906, -19.4071)
contains.

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Color

**YUV(78.1290, -19.2906,
-19.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	386127
RGB	56, 97, 39
RGB Percent	22%, 38%, 15%
CMY	0.7804, 0.6196, 0.8471
CMYK	0.42, 0.00, 0.60, 0.62
HSL	102°, 43%, 27%
HSV	102°, 60%, 38%
XYZ	6.2718, 9.5366, 3.4297
YIQ	78.1290, -5.8180, -26.7300

Conversions

Conversions Part 2

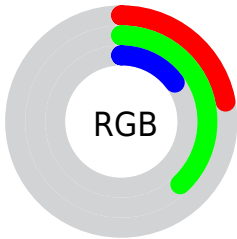
Format	Color
RYB	39, 97, 80
Decimal	3694887
CIELab	37.00, -26.39, 28.21
CIElCh	37, 38.631, 133.088
Yxy	9.5366, 0.3260, 0.4957
Android (android.graphics.Color)	4281884967 (0xFF386127)
YUV	78.1290, -19.2906, -19.4071
Hunter-Lab	30.8814, -17.7905, 15.0323

Details

The YUV color **78.1290, -19.2906, -19.4071** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57.8710, 19.2906, 19.4071**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3740, -20.8904, -19.6220**, and **31.7420, -15.6488, -20.8217** is the 20% darker color. If you saturate the color by 10%, you get **74.8960, -22.6267, -22.7108**, and if you desaturate by 10%, it is **81.3620, -15.9545, -16.1035**.

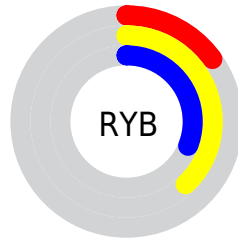
Distribution



Red (22%)

Green (38%)

Blue (15%)



Red (15%)

Yellow (38%)

Blue (31%)

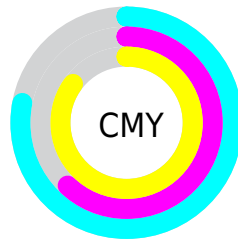


Cyan (42%)

Magenta (0%)

Yellow (60%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1290, -19.2906, -19.4071 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 78.1290, -19.2906, -19.4071 by changing the saturation by 10% instead.

■ 78.1290, -19.2906,
-19.4071

■ 78.1290, -19.2906,
-19.4071

255.0000, 0.0000,
0.0000

■ 54.2430, -18.8538,
-19.5071

■ 128.3740,
-20.8904, -19.6220

■ 31.7420, -15.6488,
-20.8217

■ 154.8470,
-21.6166, -20.0368

■ 18.1970, -8.9711,
-15.9588

■ 181.7330,
-22.0534, -19.9368

■ 0.0000, 0.0000,
0.0000

■ 209.7930,
-23.0689, -20.8665

■ 235.4450,
-21.9114, -18.8073

■ 247.3080,

-13.9558, -3.7781

254.0880, -3.4944,
0.7998

78.1290, -19.2906,
-19.4071

78.1290, -19.2906,
-19.4071

74.8960, -22.6267,
-22.7108

81.3620, -15.9545,
-16.1035

71.7770, -25.5261,
-26.1144

84.4810, -13.0551,
-12.6998

68.5440, -28.8622,
-29.4181

87.7140, -9.7190,
-9.3962

65.6100, -32.3457,
-32.1070

90.6480, -6.2355,
-6.7073

65.3110, -32.1983,
-32.7217

93.8810, -2.8993,
-3.4036

■ 97.0000, 0.0000,
0.0000

■ 100.2330, 3.3361,
3.3037

■ 103.4660, 6.6723,
6.6073

■ 106.5850, 9.5716,
10.0110

Harmonies

Analogous

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



82.4330, -30.2865, 7.5133



78.1290, -19.2906, -19.4071



67.0390, 0.4738, -58.7932

Triad

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



78.1290, -19.2906, -19.4071



72.4090, 36.2804, -63.5027



86.2390, -5.5408, 50.6564

Complementary

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



78.1290, -19.2906, -19.4071



57.8710, 19.2906, 19.4071

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.



88.2560, 8.7478, 40.9945



78.1290, -19.2906, -19.4071



83.5000, 31.7985, -25.8715

Square

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



78.1290, -19.2906, -19.4071



73.9930, 27.1185, -64.8919



89.7070, 21.3434, 14.2890



85.5360, -19.4912, 45.1339

Rectangle

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



78.1290, -19.2906, -19.4071



70.0200, 9.3571, -61.4075



89.7070, 21.3434, 14.2890



86.4930, -0.7360, 49.5566

Sweetspot

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



78.1290, -19.2906, -19.4071



117.5940, -7.6878, -7.5369



80.4090, -20.4146, 14.5503



59.4140, -4.6411, -4.7481



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



78.1290, -19.2906, -19.4071



95.6040, -29.8778, -30.3477



74.4140, -11.5431, -31.0581



46.6470, -1.3050, -1.4444



75.6110, -37.2762, -37.3698



161.8100, -79.7723, -80.5174

Inverse Universe

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



57.8710, 19.2906, 19.4071



64.3960, 29.8778, 30.3477



61.5860, 11.5431, 31.0581



45.3530, 1.3050, 1.4444



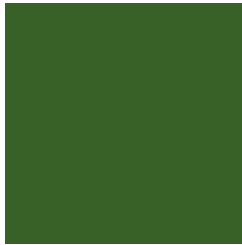
36.3890, 37.2762, 37.3698



77.8910, 79.9197, 79.9026

Previews

White Background



This preview shows how the YUV color 78.1290, -19.2906, -19.4071 looks on a white background.

Color Contrast Check

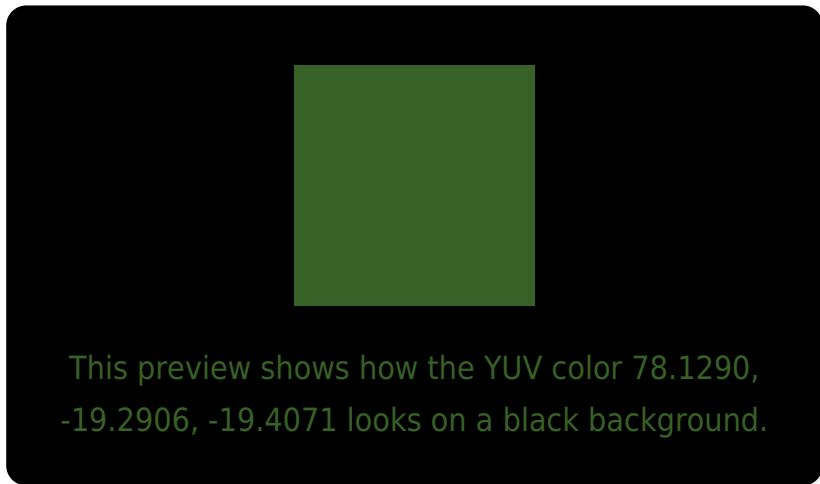
Large Text (above 18pt) WCAG AA ✓ Pass

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

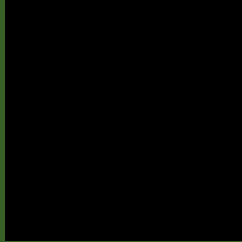
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1290, -19.2906, -19.4071

Background



This preview shows how black text looks on a background with the YUV color 78.1290, -19.2906, -19.4071.



This preview shows how white text looks on a background with the YUV color 78.1290, -19.2906, -19.4071.

-19.4071.

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

78.1290, -19.2906, -19.4071

Protanopia

84.1760, -23.7508, 11.2466

Deuteranopia

85.6160, -21.0097, 18.7538



Tritanopia

84.3230, 6.7428, -16.0693

Trichromacy



Original Color

78.1290, -19.2906, -19.4071

Protanomaly

82.1530, -22.2604, -0.1342

Deuteranomaly

82.7560, -20.0927, 4.5990

Tritanomaly

81.9070, -2.4192, -17.4584

Monochromacy



Original Color

78.1290, -19.2906, -19.4071

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1210, -6.9617, -7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1290, -19.2906, -19.4071 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(56, 97, 39)` looks like.

```
.text, #text, p{  
    color:rgb(56, 97, 39)  
}
```

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(56, 97, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 97, 39) }
```

Border

The CSS property to change the border of an element to YUV 78.1290, -19.2906, -19.4071 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(56, 97, 39) }
```


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

```
.border{ border-color:rgb(56, 97, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 97, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 97, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 97, 39);  
box-shadow:4px 4px 4px 4px rgb(56, 97, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.1290, -19.2906, -19.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 97, 39) }
```

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

```
.background{ background-color: rgb(56, 97,  
39) }
```

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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