

Converting Colors

YUV(70.1580, -19.7979, 3.3694)

Have a look what the booklet for
YUV(70.1580, -19.7979, 3.3694)
contains.

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Color

**YUV(70.1580, -19.7979,
3.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4C1E
RGB	74, 76, 30
RGB Percent	29%, 30%, 12%
CMY	0.7098, 0.7020, 0.8824
CMYK	0.03, 0.00, 0.61, 0.70
HSL	63°, 43%, 21%
HSV	63°, 61%, 30%
XYZ	5.6428, 6.7185, 2.2277
YIQ	70.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

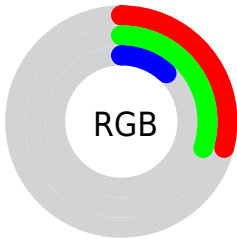
Format	Color
RYB	30, 76, 32
Decimal	4869150
CIELab	31.16, -8.21, 26.60
CIELCh	31, 27.842, 107.148
Yxy	6.7185, 0.3868, 0.4605
Android (android.graphics.Color)	4283059230 (0xFF4A4C1E)
YUV	70.1580, -19.7979, 3.3694
Hunter-Lab	25.9200, -6.5003, 13.0484

Details

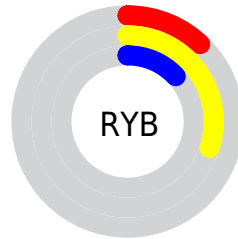
The YUV color **70.1580, -19.7979, 3.3694** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.8420, 19.7979, -3.3694**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1150, -21.2557, 4.2841**, and **27.4550, -13.5353, 1.3550** is the 20% darker color. If you saturate the color by 10%, you get **69.2460, -23.2923, 4.1693**, and if you desaturate by 10%, it is **71.0700, -16.3035, 2.5696**.

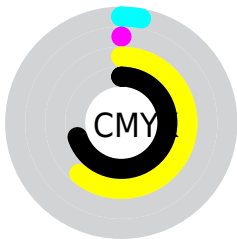
Distribution



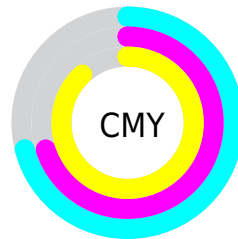
- Red (29%)
- Green (30%)
- Blue (12%)



- Red (12%)
- Yellow (30%)
- Blue (13%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (70%)



- Cyan (71%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1580, -19.7979, 3.3694 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 70.1580, -19.7979, 3.3694 by changing the saturation by 10% instead.

70.1580, -19.7979,
3.3694

70.1580, -19.7979,
3.3694

255.0000, 0.0000,
0.0000

46.8590, -19.6505,
2.7547

119.1150,
-21.2557, 4.2841

27.4550, -13.5353,
1.3550

144.8870,
-22.1293, 4.4841

4.6960, -2.3151,
-4.1184

171.0720,
-22.7135, 5.1989

0.0000, 0.0000,
0.0000

198.9580,
-23.1503, 5.2988

227.0290,
-24.1713, 6.1136

249.4140,

-21.4031, 4.8989

252.6060, -9.1728,
2.0995

70.1580, -19.7979,
3.3694

70.1580, -19.7979,
3.3694

69.2460, -23.2923,
4.1693

71.0700, -16.3035,
2.5696

68.1490, -26.2025,
4.2543

72.1670, -13.3933,
2.4845

67.2370, -29.6968,
5.0542

73.0790, -9.8989,
1.6847

66.4390, -32.7544,
5.7540

73.8770, -6.8414,
0.9849

75.0880, -3.4944,
0.7998

■ 76.0000, 0.0000,
0.0000

■ 76.7980, 3.0576,
-0.6998

■ 78.0090, 6.4046,
-0.8849

■ 78.8070, 9.4621,
-1.5847

Harmonies

Analogous

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



72.0290, -20.7203, 19.2686



70.1580, -19.7979, 3.3694



67.1000, -11.8813, -15.8737

Triad

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



70.1580, -19.7979, 3.3694



60.6910, 21.8443, -53.2260



75.0390, 4.4178, 29.7838

Complementary

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



70.1580, -19.7979, 3.3694



35.8420, 19.7979, -3.3694

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.



75.9320, 13.3445, 13.2146



70.1580, -19.7979, 3.3694



58.8960, 27.6593, -51.6518

Square

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



70.1580, -19.7979, 3.3694



58.9980, 12.8190, -51.7412



72.7270, 20.8406, -11.1616



73.4390, -5.6394, 35.5720

Rectangle

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



70.1580, -19.7979, 3.3694



63.1780, -3.5388, -31.7281



72.7270, 20.8406, -11.1616



75.5160, 7.6336, 24.9805

Sweetspot

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



70.1580, -19.7979, 3.3694



97.0620, -7.4256, 1.6996



44.9280, -7.3595, 27.2501



49.7460, -4.8048, 1.0998



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



70.1580, -19.7979, 3.3694



89.8950, -31.0072, 5.3541



63.2810, -16.4075, -10.7704



37.5440, -1.7472, 0.3999



89.1760, -43.9638, 7.7386



200.7900, -98.9895, 16.8472

Inverse Universe

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



35.8420, 19.7979, -3.3694



36.1050, 31.0072, -5.3541



42.7190, 16.4075, 10.7704



34.7550, 1.5998, 0.2149



12.8240, 43.9638, -7.7386



29.2100, 98.9895, -16.8472

Previews

White Background



This preview shows how the YUV color 70.1580, -19.7979, 3.3694 looks on a white background.

Color Contrast Check

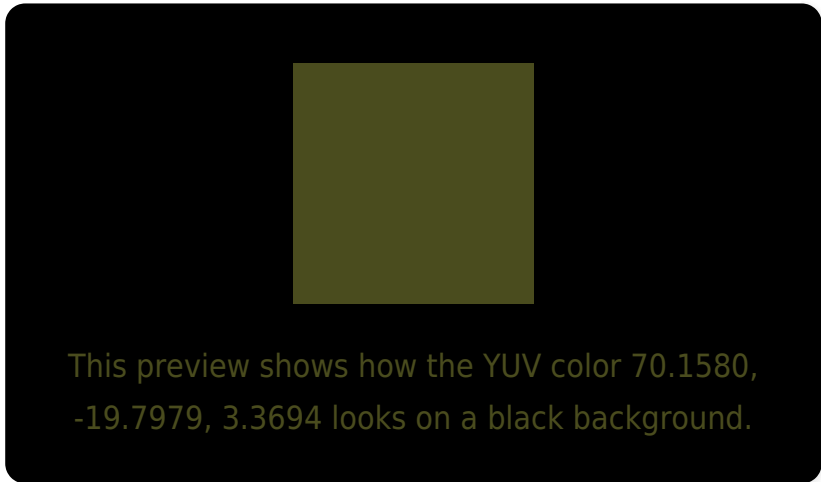
Large Text (above 18pt) WCAG AA ✓ Pass

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

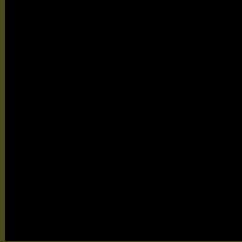
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.1580, -19.7979, 3.3694

Background



This preview shows how black text looks on a background with the YUV color 70.1580, -19.7979, 3.3694.



This preview shows how white text looks on a background with the YUV color 70.1580, -19.7979,

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

70.1580, -19.7979, 3.3694

Protanopia

70.6750, -20.5458, 9.9320

Deuteranopia

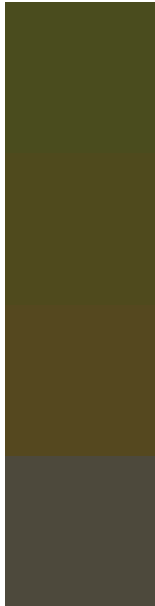
71.9470, -19.6939, 16.7095



Tritanopia

74.0760, 1.4415, 4.3183

Trichromacy



Original Color

70.1580, -19.7979, 3.3694

Protanomaly

70.3650, -20.3929, 7.5729

Deuteranomaly

71.2130, -19.8250, 12.0912

Tritanomaly

72.7140, -6.2680, 3.7588

Monochromacy



Original Color

70.1580, -19.7979, 3.3694

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7630, -7.2782, 1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1580, -19.7979, 3.3694 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(74, 76, 30)` looks like.

```
.text, #text, p{  
    color:rgb(74, 76, 30)  
}
```

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(74, 76, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 76, 30) }
```

Border

The CSS property to change the border of an element to YUV 70.1580, -19.7979, 3.3694 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(74, 76, 30) }
```


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

```
.border{ border-color:rgb(74, 76, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 76, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 76, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 76, 30);  
box-shadow:4px 4px 4px 4px rgb(74, 76, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1580, -19.7979, 3.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 76, 30) }
```

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

```
.background{ background-color: rgb(74, 76,  
30) }
```

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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