

Converting Colors

YUV(74.4070, -17.4557, -1.2339)

Have a look what the booklet for
YUV(74.4070, -17.4557, -1.2339)
contains.

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Color

**YUV(74.4070, -17.4557,
-1.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	495227
RGB	73, 82, 39
RGB Percent	29%, 32%, 15%
CMY	0.7137, 0.6784, 0.8471
CMYK	0.11, 0.00, 0.52, 0.68
HSL	73°, 36%, 24%
HSV	73°, 52%, 32%
XYZ	6.1312, 7.5975, 3.0628
YIQ	74.4070, 8.4390, -15.2810

Conversions

Conversions Part 2

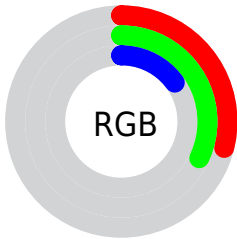
Format	Color
RYB	39, 82, 48
Decimal	4805159
CIELab	33.13, -11.24, 23.88
CIElCh	33, 26.396, 115.208
Yxy	7.5975, 0.3651, 0.4525
Android (android.graphics.Color)	4282995239 (0xFF495227)
YUV	74.4070, -17.4557, -1.2339
Hunter-Lab	27.5636, -8.5315, 12.7064

Details

The YUV color **74.4070, -17.4557, -1.2339** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.5930, 17.4557, 1.2339**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3640, -18.9135, -0.3192**, and **30.3900, -14.9823, -1.2190** is the 20% darker color. If you saturate the color by 10%, you get **72.8970, -20.6552, -1.6637**, and if you desaturate by 10%, it is **75.9170, -14.2561, -0.8042**.

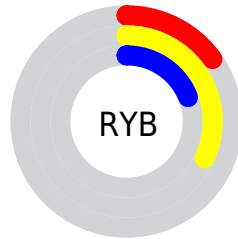
Distribution



Red (29%)

Green (32%)

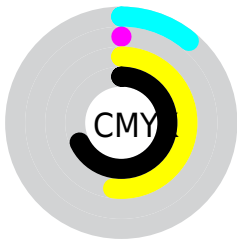
Blue (15%)



Red (15%)

Yellow (32%)

Blue (19%)

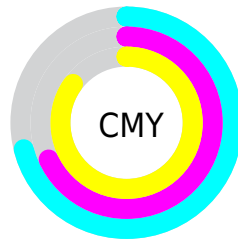


Cyan (11%)

Magenta (0%)

Yellow (52%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4070, -17.4557, -1.2339 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 74.4070, -17.4557, -1.2339 by changing the saturation by 10% instead.

■ 74.4070, -17.4557,
-1.2339

■ 74.4070, -17.4557,
-1.2339

■ 255.0000, 0.0000,
0.0000

■ 51.5210, -17.0189,
-1.3339

■ 123.3640,
-18.9135, -0.3192

■ 30.3900, -14.9823,
-1.2190

■ 149.2500,
-19.3502, -0.2192

■ 10.5660, -5.2090,
-9.2664

■ 176.0220,
-20.2238, -0.0193

■ 0.0000, 0.0000,
0.0000

■ 203.6090,
-20.5132, -0.5341

■ 231.7940,
-21.0974, 0.1807

■ 250.6680,

-16.5983, 3.7992

253.8600, -4.3680,
0.9998

74.4070, -17.4557,
-1.2339

74.4070, -17.4557,
-1.2339

72.8970, -20.6552,
-1.6637

75.9170, -14.2561,
-0.8042

71.6860, -24.0022,
-1.4786

77.1280, -10.9091,
-0.9893

70.0620, -27.6386,
-1.8084

78.7520, -7.2727,
-0.6595

68.5520, -30.8381,
-2.2381

80.2620, -4.0732,
-0.2298

67.5690, -33.3115,
-2.2530

81.7720, -0.8736,
0.2000

■ 82.9830, 2.4734,
0.0149

■ 84.4930, 5.6730,
0.4446

■ 86.1170, 9.3093,
0.7744

■ 87.3280, 12.6563,
0.5893

Harmonies

Analogous

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



76.8220, -20.1252, 15.0651



74.4070, -17.4557, -1.2339



70.8760, -8.8129, -20.0623

Triad

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



74.4070, -17.4557, -1.2339



63.2500, 24.0338, -55.4703



79.5400, 1.2128, 31.0984

Complementary

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



74.4070, -17.4557, -1.2339



46.5930, 17.4557, 1.2339

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.



80.5690, 10.5655, 17.9180



74.4070, -17.4557, -1.2339



71.5780, 23.3790, -32.0789

Square

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



74.4070, -17.4557, -1.2339



62.4860, 16.0294, -54.8002



79.0870, 18.1981, -3.5843



78.3310, -8.5442, 33.9127

Rectangle

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



74.4070, -17.4557, -1.2339



67.0680, -0.0335, -36.0166



79.0870, 18.1981, -3.5843



80.0280, 4.4232, 28.0394

Sweetspot

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



74.4070, -17.4557, -1.2339



104.1650, -6.9833, -0.1447



57.1400, -8.9430, 21.8022



51.8490, -4.3626, -0.7446



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



74.4070, -17.4557, -1.2339



95.1760, -27.2018, -1.9084



68.1280, -14.3601, -14.1443



40.2450, -1.5998, -0.2149



86.4520, -42.6208, -3.0274



190.9010, -94.1142, -6.9292

Inverse Universe

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



46.5930, 17.4557, 1.2339



51.8240, 27.2018, 1.9084



52.8720, 14.3601, 14.1443



37.7550, 1.5998, 0.2149



18.5480, 42.6208, 3.0274



41.0990, 94.1142, 6.9292

Previews

White Background



This preview shows how the YUV color 74.4070, -17.4557, -1.2339 looks on a white background.

Color Contrast Check

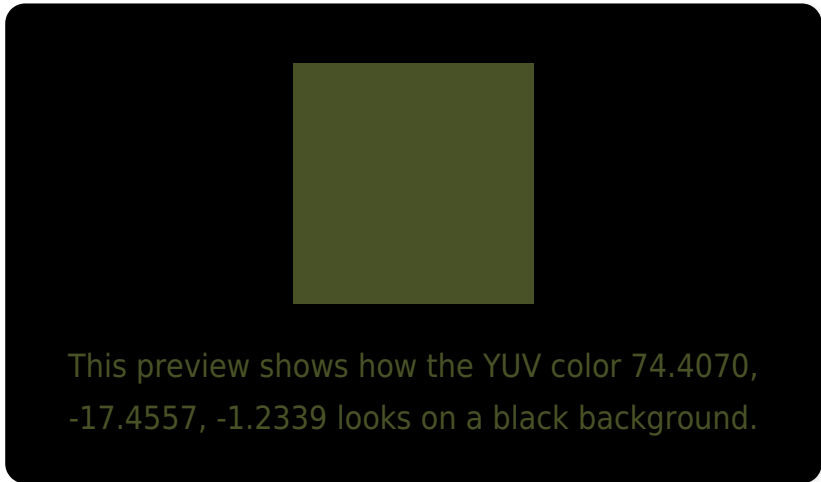
Large Text (above 18pt) WCAG AA ✓ Pass

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

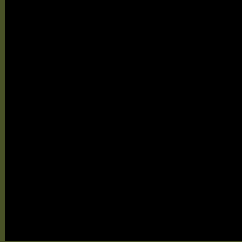
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

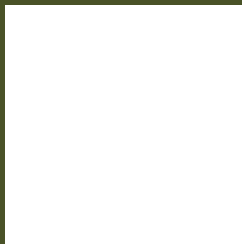
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 74.4070, -17.4557, -1.2339

Background



This preview shows how black text looks on a background with the YUV color 74.4070, -17.4557, -1.2339.



This preview shows how white text looks on a background with the YUV color 74.4070, -17.4557,

-1.2339.

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

74.4070, -17.4557, -1.2339

Protanopia

75.8320, -18.6512, 8.9173

Deuteranopia

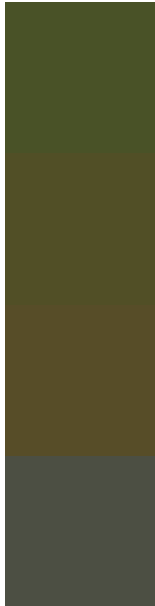
76.5170, -17.5099, 16.2096



Tritanopia

77.9830, 2.4734, 0.0149

Trichromacy



Original Color

74.4070, -17.4557, -1.2339

Protanomaly

74.9240, -18.2035, 5.3287

Deuteranomaly

75.7720, -17.6356, 9.8470

Tritanomaly

76.7350, -4.7994, -0.6446

Monochromacy



Original Color

74.4070, -17.4557, -1.2339

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2790, -6.5465, -0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4070, -17.4557, -1.2339 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(73, 82, 39)` looks like.

```
.text, #text, p{  
    color:rgb(73, 82, 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(73, 82, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 82, 39) }
```

Border

The CSS property to change the border of an element to YUV 74.4070, -17.4557, -1.2339 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(73, 82, 39) }
```


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

```
.border{ border-color:rgb(73, 82, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 82, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 82, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 82, 39);  
box-shadow:4px 4px 4px 4px rgb(73, 82, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.4070, -17.4557, -1.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 82, 39) }
```

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

```
.background{ background-color: rgb(73, 82,  
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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