

Converting Colors

YUV(74.8970, -3.8932, -11.3107)

Have a look what the booklet for
YUV(74.8970, -3.8932, -11.3107)
contains.

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Color

**YUV(74.8970, -3.8932,
-11.3107)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5343
RGB	62, 83, 67
RGB Percent	24%, 33%, 26%
CMY	0.7569, 0.6745, 0.7373
CMYK	0.25, 0.00, 0.19, 0.67
HSL	134°, 14%, 28%
HSV	134°, 25%, 33%
XYZ	6.0930, 7.6159, 6.4591
YIQ	74.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

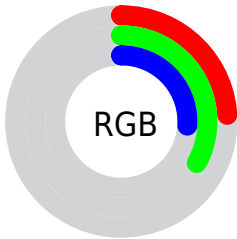
Format	Color
RYB	62, 79, 83
Decimal	4084547
CIELab	33.17, -11.83, 6.77
CIElCh	33, 13.632, 150.201
Yxy	7.6159, 0.3021, 0.3776
Android (android.graphics.Color)	4282274627 (0xFF3E5343)
YUV	74.8970, -3.8932, -11.3107
Hunter-Lab	27.5969, -8.8845, 5.4410

Details

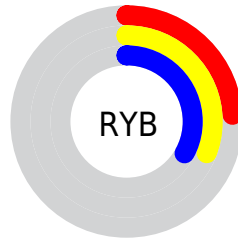
The YUV color **74.8970, -3.8932, -11.3107** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.1030, 3.8932, 11.3107**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0710, -4.4720, -12.3403**, and **30.7230, -3.3144, -10.2811** is the 20% darker color. If you saturate the color by 10%, you get **71.8210, -5.3348, -15.6290**, and if you desaturate by 10%, it is **77.9730, -2.4517, -6.9923**.

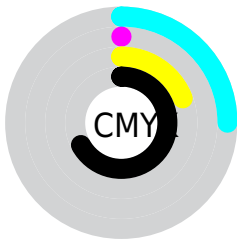
Distribution



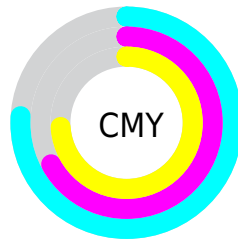
- Red (24%)
- Green (33%)
- Blue (26%)



- Red (24%)
- Yellow (31%)
- Blue (33%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (67%)



- Cyan (76%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8970, -3.8932, -11.3107 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 74.8970, -3.8932, -11.3107 by changing the saturation by 10% instead.

■ 74.8970, -3.8932,
-11.3107

■ 74.8970, -3.8932,
-11.3107

255.0000, 0.0000,
0.0000

■ 52.3100, -3.6038,
-10.7959

■ 124.0710, -4.4720,
-12.3403

■ 30.7230, -3.3144,
-10.2811

■ 149.7720, -4.3246,
-12.9550

■ 10.5660, -5.2090,
-9.2664

■ 176.6580, -4.7614,
-12.8551

■ 0.0000, 0.0000,
0.0000

■ 203.6580, -4.7614,
-12.8551

■ 232.2450, -5.0508,
-13.3699

■ 251.5540, -0.2731,

-5.7479

■ 74.8970, -3.8932,
-11.3107

■ 74.8970, -3.8932,
-11.3107

■ 71.8210, -5.3348,
-15.6290

■ 77.9730, -2.4517,
-6.9923

■ 68.3320, -7.0657,
-20.4622

■ 81.4620, -0.7208,
-2.1592

■ 65.2560, -8.5072,
-24.7805

■ 84.5380, 0.7208,
2.1592

■ 62.1800, -9.9487,
-29.0989

■ 87.6140, 2.1623,
6.4775

■ 58.9900, -11.8271,
-33.3172

■ 90.8040, 4.0406,
10.6959

■ 55.6150, -13.1212,
-38.2504

■ 94.1790, 5.3348,
15.6290

■ 52.5390, -14.5627,
-42.5687

■ 97.2550, 6.7763,
19.9474

■ 51.0010, -15.2835,
-44.7279

■ 100.4450, 8.6546,
24.1657

■ 103.8200, 9.9487,
29.0989

Harmonies

Analogous

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



76.3990, -8.5777, -2.1039



74.8970, -3.8932, -11.3107



73.4490, 2.2436, -19.6878

Triad

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



74.8970, -3.8932, -11.3107



77.0940, 10.7997, -10.6064



79.3290, -5.5852, 18.1285

Complementary

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



74.8970, -3.8932, -11.3107



70.1030, 3.8932, 11.3107

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.



79.5830, -0.7804, 17.0287



74.8970, -3.8932, -11.3107



79.0030, 8.8725, 0.8744

Square

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



74.8970, -3.8932, -11.3107



74.6260, 10.5374, -19.8430



79.9180, 4.4774, 10.5959



78.6830, -9.2107, 14.3100

Rectangle

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



74.8970, -3.8932, -11.3107



73.0510, 5.8909, -22.8467



79.9180, 4.4774, 10.5959



79.6710, -4.2748, 17.8285

Sweetspot

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



74.8970, -3.8932, -11.3107



103.9240, -1.4415, -4.3183



79.1110, -8.4357, -0.9743



51.6360, -1.2995, -3.1888



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.



74.8970, -3.8932, -11.3107



94.6960, -5.7661, -17.2734



76.0370, 0.4748, -12.3104



39.4620, -0.7208, -2.1592



64.4850, -19.4661, -56.5533



142.4540, -43.1148, -124.9322

Inverse Universe

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



70.1030, 3.8932, 11.3107



87.3040, 5.7661, 17.2734



68.9630, -0.4748, 12.3104



38.5380, 0.7208, 2.1592



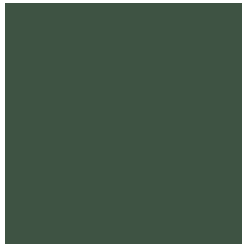
40.5150, 19.4661, 56.5533



89.5460, 43.1148, 124.9322

Previews

White Background



This preview shows how the YUV color 74.8970, -3.8932, -11.3107 looks on a white background.

Color Contrast Check

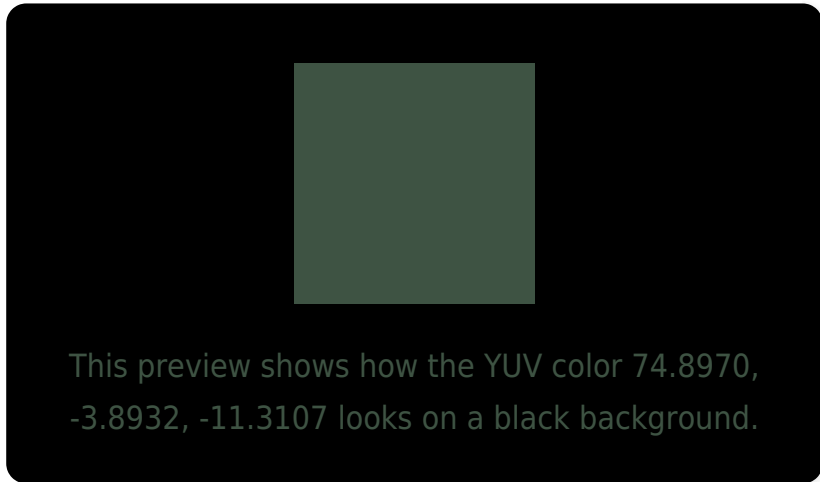
Large Text (above 18pt) WCAG AA ✓ Pass

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

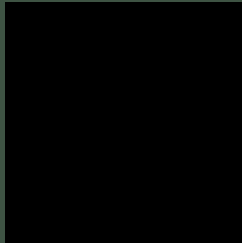
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8970, -3.8932, -11.3107

Background



This preview shows how black text looks on a background with the YUV color 74.8970, -3.8932, -11.3107.



This preview shows how white text looks on a background with the YUV color 74.8970, -3.8932,

-11.3107.

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

74.8970, -3.8932, -11.3107

Protanopia

77.6000, -6.7048, 3.8588

Deuteranopia

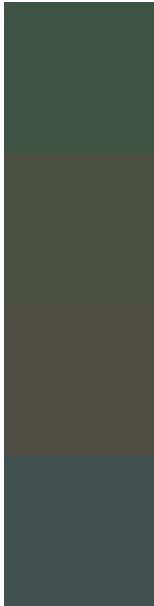
78.5020, -4.6845, 9.2067



Tritanopia

76.6120, 5.1213, -9.3067

Trichromacy



Original Color

74.8970, -3.8932, -11.3107

Protanomaly

76.7950, -5.8149, -1.5742

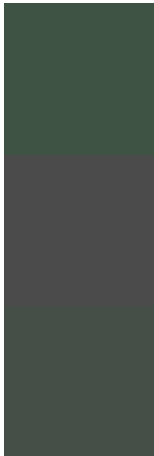
Deuteranomaly

77.1590, -4.5154, 1.6146

Tritanomaly

76.1020, 1.9217, -9.7365

Monochromacy



Original Color

74.8970, -3.8932, -11.3107

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8970, -3.8932, -11.3107 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(62, 83, 67)` looks like.

```
.text, #text, p{  
    color:rgb(62, 83, 67)  
}
```

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(62, 83, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 83, 67) }
```

Border

The CSS property to change the border of an element to YUV 74.8970, -3.8932, -11.3107 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(62, 83, 67) }
```


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

```
.border{ border-color:rgb(62, 83, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 83, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 83, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 83, 67);  
box-shadow:4px 4px 4px 4px rgb(62, 83, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8970, -3.8932, -11.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 83, 67) }
```

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

```
.background{ background-color: rgb(62, 83,  
67) }
```

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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