

Converting Colors

YUV(74.7050, 4.0894, -5.0033)

Have a look what the booklet for
YUV(74.7050, 4.0894, -5.0033)
contains.

YUV(74.7050, 4.0894, -5.0033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(74.7050, 4.0894,
-5.0033)**

Conversions

Conversions Part 1

Format	Color
Hex	454C53
RGB	69, 76, 83
RGB Percent	27%, 30%, 33%
CMY	0.7294, 0.7020, 0.6745
CMYK	0.17, 0.08, 0.00, 0.67
HSL	210°, 9%, 30%
HSV	210°, 17%, 33%
XYZ	6.6000, 7.0586, 9.1982
YIQ	74.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

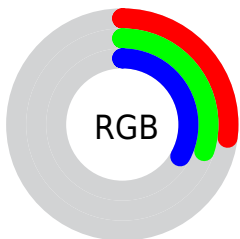
Format	Color
RYB	69, 74, 83
Decimal	4541523
CIELab	31.94, -1.13, -5.10
CIElCh	32, 5.224, 257.562
Yxy	7.0586, 0.2888, 0.3088
Android (android.graphics.Color)	4282731603 (0xFF454C53)
YUV	74.7050, 4.0894, -5.0033
Hunter-Lab	26.5681, -2.1513, -1.9293

Details

The YUV color **74.7050, 4.0894, -5.0033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.2950, -4.0894, 5.0033**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4060, 4.2368, -5.6181**, and **30.8900, 3.5052, -4.2885** is the 20% darker color. If you saturate the color by 10%, you get **69.9650, 6.4263, -7.8623**, and if you desaturate by 10%, it is **79.4450, 1.7526, -2.1443**.

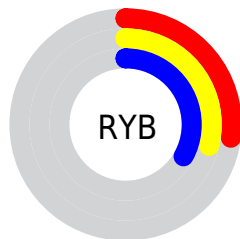
Distribution



Red (27%)

Green (30%)

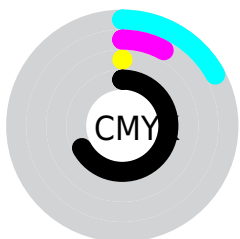
Blue (33%)



Red (27%)

Yellow (29%)

Blue (33%)

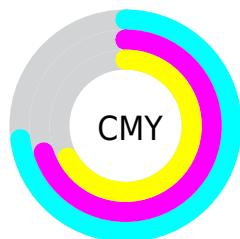


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (70%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.7050, 4.0894, -5.0033 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 74.7050, 4.0894, -5.0033 by changing the saturation by 10% instead.

■ 74.7050, 4.0894,
-5.0033

■ 74.7050, 4.0894,
-5.0033

255.0000, 0.0000,
0.0000

■ 52.0040, 3.9420,
-4.3885

■ 123.4060, 4.2368,
-5.6181

■ 30.8900, 3.5052,
-4.2885

■ 149.5200, 4.6736,
-5.7180

■ 6.7480, 5.5472,
-5.9180

■ 175.5200, 4.6736,
-5.7180

■ 0.0000, 0.0000,
0.0000

■ 203.5200, 4.6736,
-5.7180

■ 231.5200, 4.6736,
-5.7180

254.4020, 0.2948,

-1.2296

■ 74.7050, 4.0894,
-5.0033

■ 74.7050, 4.0894,
-5.0033

■ 69.9650, 6.4263,
-7.8623

■ 79.4450, 1.7526,
-2.1443

■ 64.9260, 8.9105,
-11.3361

■ 84.4840, -0.7316,
1.3295

■ 60.1860, 11.2473,
-14.1951

■ 89.2240, -3.0684,
4.1886

■ 54.8590, 13.8735,
-16.5393

■ 94.5510, -5.6946,
6.5328

■ 49.8200, 16.3577,
-20.0131

■ 99.2910, -8.0315,
9.3918

■ 45.0800, 18.6946,
-22.8722

■ 104.3300,
-10.5157, 12.8656

■ 40.3400, 21.0314,
-25.7312

■ 109.0700,
-12.8525, 15.7246

■ 35.6000, 23.3682,
-28.5902

■ 113.8100,
-15.1893, 18.5836

■ 33.5290, 24.3892,
-29.4049

■ 118.8490,
-17.6736, 22.0574

Harmonies

Analogous

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



74.1670, 3.3687, -7.1625



74.7050, 4.0894, -5.0033



75.6130, 3.6418, -1.4146

Triad

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



74.7050, 4.0894, -5.0033



75.7020, -1.3321, 7.2773



74.4080, -2.1731, -2.9888

Complementary

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



74.7050, 4.0894, -5.0033



77.2950, -4.0894, 5.0033

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.



74.9740, -3.9312, 0.8998



74.7050, 4.0894, -5.0033



75.5340, -3.2213, 6.5477

Square

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



74.7050, 4.0894, -5.0033



76.4460, 0.2731, 5.7479



74.9960, -3.9420, 4.3885



73.5540, -0.2731, -5.7479

Rectangle

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



74.7050, 4.0894, -5.0033



75.8090, 3.0522, 1.0445



74.9960, -3.9420, 4.3885



74.3050, -2.6154, -1.1445

Sweetspot

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



74.7050, 4.0894, -5.0033



103.7440, 1.6052, -1.5295



78.0160, -0.9939, -7.9070



51.6300, 1.1684, -1.4295



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.



74.7050, 4.0894, -5.0033



94.2640, 6.2788, -7.2475



70.5960, 6.1152, -1.3997



38.6300, 1.1684, -1.4295



42.4940, 30.8155, -37.2672



94.5400, 67.7678, -82.9116

Inverse Universe

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



73.9840, 0.9939, 7.9070



93.4190, 1.2724, 11.9105



81.4040, -6.1152, 1.3997



38.4240, 0.2840, 2.2592



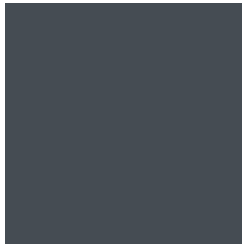
37.3230, 7.2358, 59.3527



82.5920, 16.4701, 131.0308

Previews

White Background



This preview shows how the YUV color 74.7050, 4.0894, -5.0033 looks on a white background.

Color Contrast Check

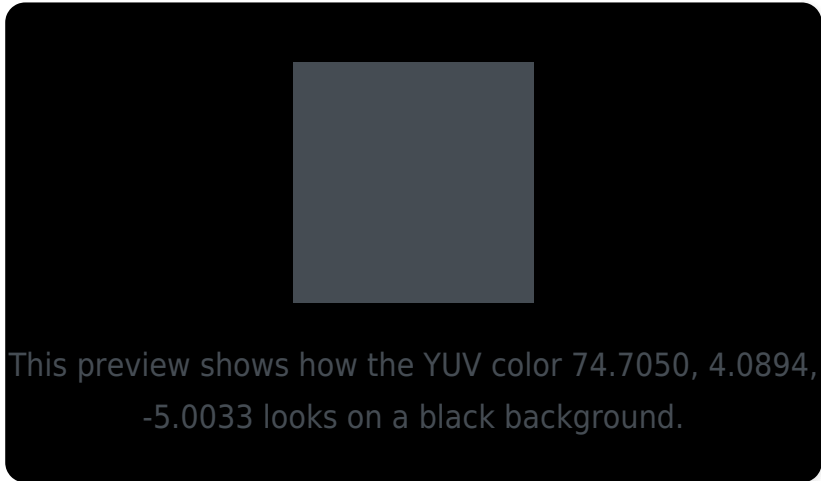
Large Text (above 18pt) WCAG AA ✓ Pass

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

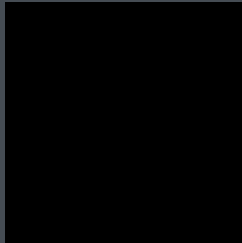
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

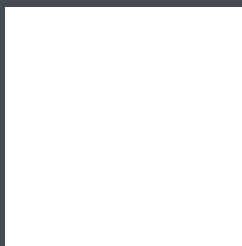
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 74.7050, 4.0894, -5.0033

Background



This preview shows how black text looks on a background with the YUV color 74.7050, 4.0894, -5.0033.



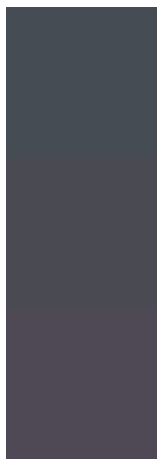
This preview shows how white text looks on a background with the YUV color 74.7050, 4.0894, -5.0033.

-5.0033.

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

74.7050, 4.0894, -5.0033

Protanopia

75.4990, 3.2050, -1.3146

Deuteranopia

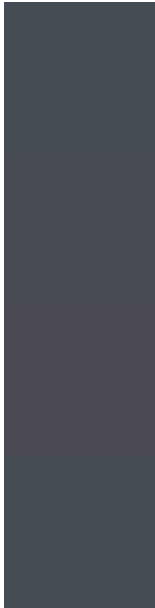
75.7490, 4.0677, 1.9741



Tritanopia

74.5910, 3.6526, -4.9033

Trichromacy



Original Color

74.7050, 4.0894, -5.0033

Protanomaly

74.9010, 3.4998, -2.5442

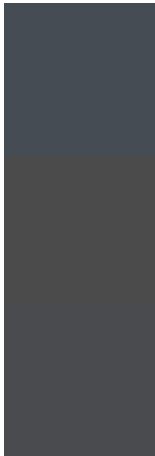
Deuteranomaly

75.4390, 4.2206, -0.3850

Tritanomaly

74.5910, 3.6526, -4.9033

Monochromacy



Original Color

74.7050, 4.0894, -5.0033

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.7050, 4.0894, -5.0033 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(69, 76, 83)` looks like.

```
.text, #text, p{  
    color:rgb(69, 76, 83)  
}
```

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(69, 76, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 76, 83) }
```

Border

The CSS property to change the border of an element to YUV 74.7050, 4.0894, -5.0033 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(69, 76, 83) }
```


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

```
.border{ border-color:rgb(69, 76, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 76, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 76, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 76, 83);  
box-shadow:4px 4px 4px 4px rgb(69, 76, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.7050, 4.0894, -5.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 76, 83) }
```

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

```
.background{ background-color: rgb(69, 76,  
83) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor