

Converting Colors

YUV(71.6740, 1.1467, 5.5479)

Have a look what the booklet for
YUV(71.6740, 1.1467, 5.5479)
contains.

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Color

**YUV(71.6740, 1.1467,
5.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	4E444A
RGB	78, 68, 74
RGB Percent	31%, 27%, 29%
CMY	0.6941, 0.7333, 0.7098
CMYK	0.00, 0.13, 0.05, 0.69
HSL	324°, 7%, 29%
HSV	324°, 13%, 31%
XYZ	6.4450, 6.2484, 7.3449
YIQ	71.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

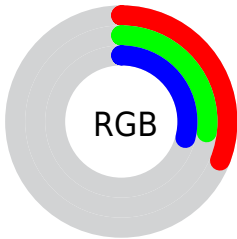
Format	Color
R_{YB}	78, 68, 74
Decimal	5129290
CIE Lab	30.03, 5.48, -2.05
CIE LCh	30, 5.855, 339.483
Yxy	6.2484, 0.3216, 0.3118
Android (android.graphics.Color)	4283319370 (0xFF4E444A)
YUV	71.6740, 1.1467, 5.5479
Hunter-Lab	24.9967, 2.2794, 0.0762

Details

The YUV color **71.6740, 1.1467, 5.5479** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.3260, -1.1467, -5.5479**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0870, 1.4361, 6.0627**, and **28.2610, 0.8573, 5.0331** is the 20% darker color. If you saturate the color by 10%, you get **66.6360, 2.1515, 9.9662**, and if you desaturate by 10%, it is **76.7120, 0.1420, 1.1296**.

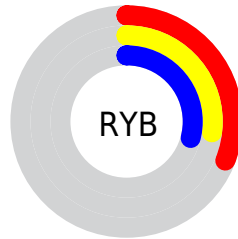
Distribution



 Red (31%)

 Green (27%)

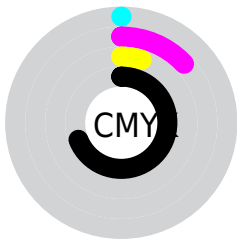
 Blue (29%)



 Red (31%)

 Yellow (27%)

 Blue (29%)

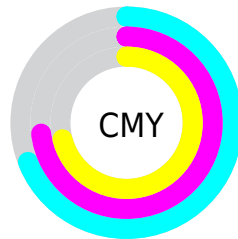


 Cyan (0%)

 Magenta (13%)

 Yellow (5%)

 Black (69%)



 Cyan (69%)

 Magenta (73%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6740, 1.1467, 5.5479 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 71.6740, 1.1467, 5.5479 by changing the saturation by 10% instead.

■ 71.6740, 1.1467,
5.5479

■ 71.6740, 1.1467,
5.5479

■ 255.0000, 0.0000,
0.0000

■ 49.2610, 0.8573,
5.0331

■ 120.0870, 1.4361,
6.0627

■ 28.2610, 0.8573,
5.0331

■ 145.9730, 0.9993,
6.1627

■ 4.1580, 0.4151,
6.8774

■ 172.3860, 1.2887,
6.6775

■ 0.0000, 0.0000,
0.0000

■ 199.3860, 1.2887,
6.6775

■ 227.6850, 1.1413,
7.2923

■ 253.2390, 0.8682,

1.5444

■ 71.6740, 1.1467,
5.5479

■ 71.6740, 1.1467,
5.5479

■ 66.6360, 2.1515,
9.9662

■ 76.7120, 0.1420,
1.1296

■ 61.5980, 3.1562,
14.3846

■ 81.7500, -0.8628,
-3.2887

■ 57.1470, 3.8715,
18.2881

■ 86.2010, -1.5781,
-7.1923

■ 52.1090, 4.8763,
22.7064

■ 91.2390, -2.5828,
-11.6106

■ 46.9570, 5.4442,
27.2247

■ 96.3910, -3.1508,
-16.1289

■ 41.9190, 6.4489,
31.6430

■ 101.4290, -4.1555,
-20.5472

■ 36.8810, 7.4537,
36.0614

■ 106.4670, -5.1602,
-24.9656

■ 32.4300, 8.1690,
39.9649

■ 110.9180, -5.8756,
-28.8691

■ 28.6800, 9.0318,
43.2536

■ 115.9560, -6.8803,
-33.2874

Harmonies

Analogous

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



71.2220, 3.3416, 1.5593



71.6740, 1.1467, 5.5479



71.7020, -1.3321, 7.2773

Triad

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



71.6740, 1.1467, 5.5479



70.5720, -4.2260, 2.1294



69.4550, 3.2267, -8.2920

Complementary

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



71.6740, 1.1467, 5.5479



74.3260, -1.1467, -5.5479

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.



68.9990, 1.4795, -7.8921



71.6740, 1.1467, 5.5479



69.8920, -2.9048, -1.6593

Square

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



71.6740, 1.1467, 5.5479



70.5940, -4.2368, 5.6181



69.3260, -1.1467, -5.5479



70.1070, 4.3842, -6.2328

Rectangle

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



71.6740, 1.1467, 5.5479



71.6590, -2.7899, 8.1921



69.3260, -1.1467, -5.5479



69.0420, 2.9373, -8.8068

Sweetspot

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



71.6740, 1.1467, 5.5479



99.4240, 0.2840, 2.2592



70.3360, 3.7784, 1.4593



49.1250, 0.4314, 1.6444



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.



71.6740, 1.1467, 5.5479



92.5110, 1.7201, 8.3219



71.1040, -1.0373, 6.0478



35.5380, 0.7208, 2.1592



37.4520, 11.6092, 56.6086



84.5020, 26.3745, 127.6017

Inverse Universe

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



71.6740, 1.1467, 5.5479



92.5110, 1.7201, 8.3219



74.8960, 1.0373, -6.0478



35.5380, 0.7208, 2.1592



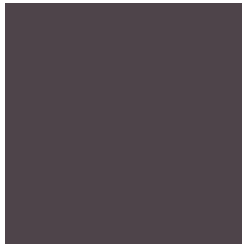
37.4520, 11.6092, 56.6086



84.5020, 26.3745, 127.6017

Previews

White Background



This preview shows how the YUV color 71.6740, 1.1467, 5.5479 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



This preview shows how the YUV color 71.6740, 1.1467, 5.5479 looks on a 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 71.6740, 1.1467, 5.5479

Background



This preview shows how black text looks on a background with the YUV color 71.6740, 1.1467, 5.5479.

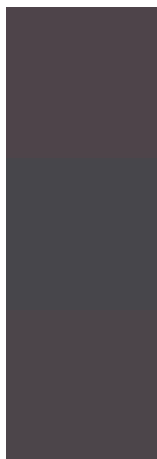


This preview shows how white text looks on a background with the YUV color 71.6740, 1.1467,

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

71.6740, 1.1467, 5.5479

Protanopia

70.8690, 2.0366, 0.1149

Deuteranopia

71.6630, 1.1521, 3.8035



Tritanopia

71.5600, 0.7099, 5.6479

Trichromacy



Original Color

71.6740, 1.1467, 5.5479

Protanomaly

71.1790, 1.8838, 2.4740

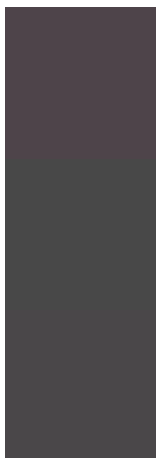
Deuteranomaly

71.9620, 1.0047, 4.4183

Tritanomaly

71.5600, 0.7099, 5.6479

Monochromacy



Original Color

71.6740, 1.1467, 5.5479

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1250, 0.4314, 1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6740, 1.1467, 5.5479 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(78, 68, 74)` looks like.

```
.text, #text, p{  
    color:rgb(78, 68, 74)  
}
```

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(78, 68, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 68, 74) }
```

Border

The CSS property to change the border of an element to YUV 71.6740, 1.1467, 5.5479 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(78, 68, 74) }
```


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

```
.border{ border-color:rgb(78, 68, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 68, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 68, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 68, 74);  
box-shadow:4px 4px 4px 4px rgb(78, 68, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.6740, 1.1467, 5.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 68, 74) }
```

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

```
.background{ background-color: rgb(78, 68,  
74) }
```

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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