

Converting Colors

YUV(71.1570, -14.8674, 8.6323)

Have a look what the booklet for
YUV(71.1570, -14.8674, 8.6323)
contains.

YUV(71.1570, -14.8674, 8.6323)	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(71.1570, -14.8674,
8.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	514829
RGB	81, 72, 41
RGB Percent	32%, 28%, 16%
CMY	0.6824, 0.7176, 0.8392
CMYK	0.00, 0.11, 0.49, 0.68
HSL	46°, 33%, 24%
HSV	46°, 49%, 32%
XYZ	6.1109, 6.5442, 3.0389
YIQ	71.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

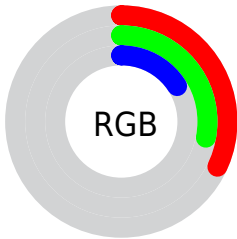
Format	Color
R _Y B	53, 81, 41
Decimal	5326889
CIE Lab	30.75, -1.18, 19.93
CIE LCh	31, 19.965, 93.402
Yxy	6.5442, 0.3894, 0.4170
Android (android.graphics.Color)	4283516969 (0xFF514829)
YUV	71.1570, -14.8674, 8.6323
Hunter-Lab	25.5815, -2.1275, 10.8639

Details

The YUV color **71.1570, -14.8674, 8.6323** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **50.8430, 14.8674, -8.6323**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5270, -16.0358, 10.0618**, and **27.7870, -13.6990, 7.2028** is the 20% darker color. If you saturate the color by 10%, you get **69.0710, -17.7830, 10.4617**, and if you desaturate by 10%, it is **73.2430, -11.9518, 6.8029**.

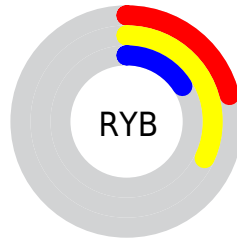
Distribution



Red (32%)

Green (28%)

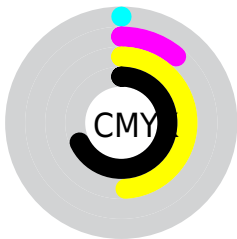
Blue (16%)



Red (21%)

Yellow (32%)

Blue (16%)

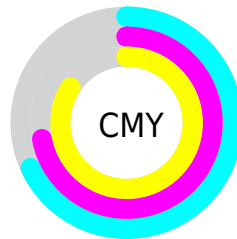


Cyan (0%)

Magenta (11%)

Yellow (49%)

Black (68%)



Cyan (68%)

Magenta (72%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1570, -14.8674, 8.6323 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 71.1570, -14.8674, 8.6323 by changing the saturation by 10% instead.

■ 71.1570, -14.8674,
8.6323

■ 71.1570, -14.8674,
8.6323

■ 255.0000, 0.0000,
0.0000

■ 48.6730, -14.1358,
7.3028

■ 119.5270,
-16.0358, 10.0618

■ 27.7870, -13.6990,
7.2028

■ 145.5980,
-17.0568, 10.8766

■ 2.6470, -1.3050,
-1.4444

■ 172.4840,
-17.4936, 10.9765

■ 0.0000, 0.0000,
0.0000

■ 199.6690,
-18.0778, 11.6913

■ 227.8540,
-18.6620, 12.4060

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

71.1570, -14.8674,
8.6323

71.1570, -14.8674,
8.6323

69.0710, -17.7830,
10.4617

73.2430, -11.9518,
6.8029

66.9850, -20.6986,
12.2912

75.3290, -9.0362,
4.9735

65.4860, -23.9036,
13.6058

76.8280, -5.8312,
3.6588

63.4000, -26.8192,
15.4352

78.9140, -2.9156,
1.8294

61.3140, -29.7348,
17.2646

81.1140, 0.4368,
-0.1000

■ 61.2000, -30.1716,
17.3646

■ 83.2000, 3.3524,
-1.9294

■ 85.2860, 6.2680,
-3.7588

■ 87.3720, 9.1836,
-5.5882

■ 88.8710, 12.3886,
-6.9029

Harmonies

Analogous

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



72.5650, -13.5895, 18.7985



71.1570, -14.8674, 8.6323



69.5790, -11.6244, -4.8928

Triad

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



71.1570, -14.8674, 8.6323



59.7970, 14.3971, -44.5490



75.0050, 5.9135, 16.6586

Complementary

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



71.1570, -14.8674, 8.6323



50.8430, 14.8674, -8.6323

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.



74.1110, 11.7773, 2.5337



71.1570, -14.8674, 8.6323



64.9600, 17.2747, -34.1679

Square

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



71.1570, -14.8674, 8.6323



63.4580, 5.1972, -33.7277



70.4400, 16.0521, -15.2949



73.8120, -1.3863, 24.7209

Rectangle

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



71.1570, -14.8674, 8.6323



67.9630, -7.3768, -13.9996



70.4400, 16.0521, -15.2949



74.5530, 8.1084, 12.6700

Sweetspot

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



71.1570, -14.8674, 8.6323



100.8280, -5.8312, 3.6588



53.9860, -1.9651, 23.6913



51.0990, -3.4998, 2.5442



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.



71.1570, -14.8674, 8.6323



89.7140, -23.0300, 13.4058



73.1510, -15.8504, -2.7634



39.9570, -1.4578, 0.9147



78.9420, -38.9184, 22.8529



175.0280, -86.2888, 49.9644

Inverse Universe

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



50.8430, 14.8674, -8.6323



58.2860, 23.0300, -13.4058



48.8490, 15.8504, 2.7634



38.0430, 1.4578, -0.9147



26.0580, 38.9184, -22.8529



56.9720, 86.2888, -49.9644

Previews

White Background



This preview shows how the YUV color 71.1570, -14.8674, 8.6323 looks on a white background.

Color Contrast Check

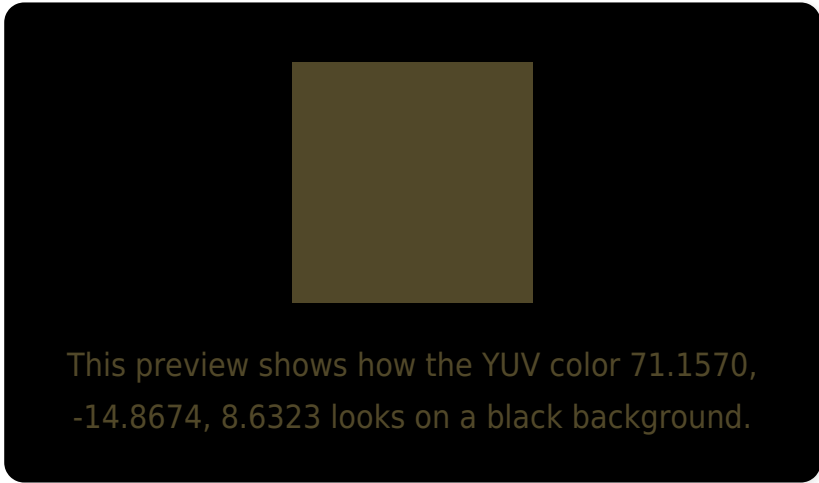
Large Text (above 18pt) WCAG AA ✓ Pass

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

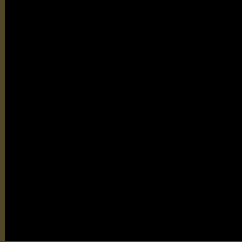
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.1570, -14.8674, 8.6323

Background



This preview shows how black text looks on a background with the YUV color 71.1570, -14.8674, 8.6323.

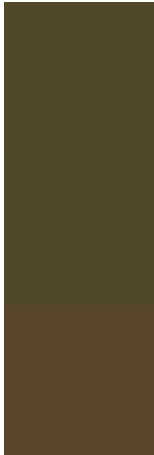


This preview shows how white text looks on a background with the YUV color 71.1570, -14.8674,

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

71.1570, -14.8674, 8.6323

Protanopia

71.4450, -15.0094, 7.5027

Deuteranopia

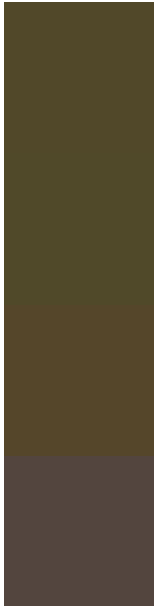
71.6030, -14.5943, 14.3802



Tritanopia

73.4680, 0.2623, 9.2366

Trichromacy



Original Color

71.1570, -14.8674, 8.6323

Protanomaly

71.4450, -15.0094, 7.5027

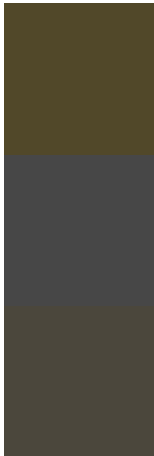
Deuteranomaly

71.2930, -14.4414, 12.0210

Tritanomaly

72.3880, -5.1213, 9.3067

Monochromacy



Original Color

71.1570, -14.8674, 8.6323

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1570, -14.8674, 8.6323 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(81, 72, 41)` looks like.

```
.text, #text, p{  
    color:rgb(81, 72, 41)  
}
```

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(81, 72, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 72, 41) }
```

Border

The CSS property to change the border of an element to YUV 71.1570, -14.8674, 8.6323 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(81, 72, 41) }
```


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

```
.border{ border-color:rgb(81, 72, 41) }
```

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

Here you see how a box with a 4 pixel rgb(81, 72, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 72, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 72, 41);  
box-shadow:4px 4px 4px 4px rgb(81, 72, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.1570, -14.8674, 8.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 72, 41) }
```

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

```
.background{ background-color: rgb(81, 72,  
41) }
```

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