

Converting Colors

YUV(74.4500, 4.2151, 1.3593)

Have a look what the booklet for
YUV(74.4500, 4.2151, 1.3593)
contains.

YUV(74.4500, 4.2151, 1.3593)	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(74.4500, 4.2151,
1.3593)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4853
RGB	76, 72, 83
RGB Percent	30%, 28%, 33%
CMY	0.7020, 0.7176, 0.6745
CMYK	0.08, 0.13, 0.00, 0.67
HSL	262°, 7%, 30%
HSV	262°, 13%, 33%
XYZ	6.8592, 6.7958, 9.1338
YIQ	74.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

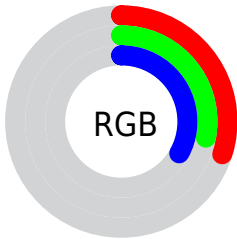
Format	Color
R_{YB}	76, 72, 83
Decimal	4999251
CIE Lab	31.34, 4.13, -5.93
CIE LCh	31, 7.229, 304.821
Yxy	6.7958, 0.3010, 0.2982
Android (android.graphics.Color)	4283189331 (0xFF4C4853)
YUV	74.4500, 4.2151, 1.3593
Hunter-Lab	26.0687, 1.3467, -2.5256

Details

The YUV color **74.4500, 4.2151, 1.3593** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **80.5500, -4.2151, -1.3593**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8630, 4.5045, 1.8741**, and **30.9230, 3.4890, 0.9445** is the 20% darker color. If you saturate the color by 10%, you get **68.2590, 7.2673, 2.4039**, and if you desaturate by 10%, it is **80.6410, 1.1630, 0.3148**.

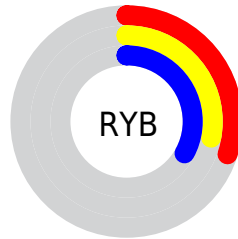
Distribution



Red (30%)

Green (28%)

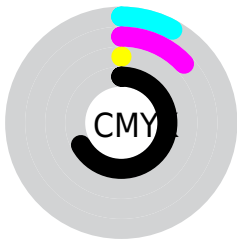
Blue (33%)



Red (30%)

Yellow (28%)

Blue (33%)

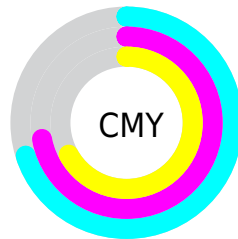


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (67%)



Cyan (70%)

Magenta (72%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4500, 4.2151, 1.3593 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 74.4500, 4.2151, 1.3593 by changing the saturation by 10% instead.

■ 74.4500, 4.2151,
1.3593

■ 74.4500, 4.2151,
1.3593

■ 255.0000, 0.0000,
0.0000

■ 52.0370, 3.9258,
0.8446

■ 122.8630, 4.5045,
1.8741

■ 30.9230, 3.4890,
0.9445

■ 148.9770, 4.9413,
1.7742

■ 5.9170, 5.9569,
2.7038

■ 175.5640, 4.6519,
1.2594

■ 0.0000, 0.0000,
0.0000

■ 202.9770, 4.9413,
1.7742

■ 231.0910, 5.3781,
1.6742

■ 74.4500, 4.2151,
1.3593

■ 74.4500, 4.2151,
1.3593

■ 68.2590, 7.2673,
2.4039

■ 80.6410, 1.1630,
0.3148

■ 61.1820, 10.7563,
3.3484

■ 87.7180, -2.3260,
-0.6297

■ 54.9910, 13.8084,
4.3929

■ 93.9090, -5.3781,
-1.6742

■ 48.8000, 16.8606,
5.4374

■ 100.1000, -8.4303,
-2.7187

■ 42.0220, 20.2022,
6.9967

■ 106.2910,
-11.4825, -3.7632

■ 35.5320, 23.4017,
7.4264

■ 113.3680,
-14.9714, -4.7077

■ 29.3410, 26.4539,
8.4709

■ 119.5590,
-18.0236, -5.7522

■ 23.1500, 29.5061,

■ 125.7500,

9.5155

-21.0757, -6.7968

■ 18.4320, 31.8320,
10.1451

■ 132.8270,
-24.5647, -7.7413

Harmonies

Analogous

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



73.7590, 5.5418, -4.1736



74.4500, 4.2151, 1.3593



74.6140, 2.1623, 6.4775

Triad

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



74.4500, 4.2151, 1.3593



74.3770, -5.1159, 7.5624



71.5750, 1.1955, -10.1513

Complementary

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



74.4500, 4.2151, 1.3593



80.5500, -4.2151, -1.3593

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.



72.5000, -1.7255, -6.5775



74.4500, 4.2151, 1.3593



73.6430, -5.2470, 2.9441

Square

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



74.4500, 4.2151, 1.3593



74.5560, -3.2321, 10.0364



72.5500, -4.2151, -1.3593



71.9600, 3.9637, -11.3659

Rectangle

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



74.4500, 4.2151, 1.3593



75.0550, -0.0271, 8.7218



72.5500, -4.2151, -1.3593



72.0590, 0.4639, -8.8217

Sweetspot

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



74.4500, 4.2151, 1.3593



103.7550, 1.5998, 0.2149



77.3630, 2.7790, -4.7034



51.6410, 1.1630, 0.3148



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.



74.4500, 4.2151, 1.3593



93.7320, 6.5411, 1.9890



75.9450, 3.4781, 4.4332



37.7550, 1.5998, 0.2149



23.3320, 40.2623, 12.8638



51.5640, 88.9549, 28.4464

Inverse Universe

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



76.0870, 1.4361, 6.0627



96.3370, 2.2989, 9.3515



79.0550, -3.4781, -4.4332



38.4240, 0.2840, 2.2592



39.0330, 13.7877, 57.8531



86.2400, 30.4477, 127.8315

Previews

White Background



This preview shows how the YUV color 74.4500, 4.2151, 1.3593 looks on a white background.

Color Contrast Check

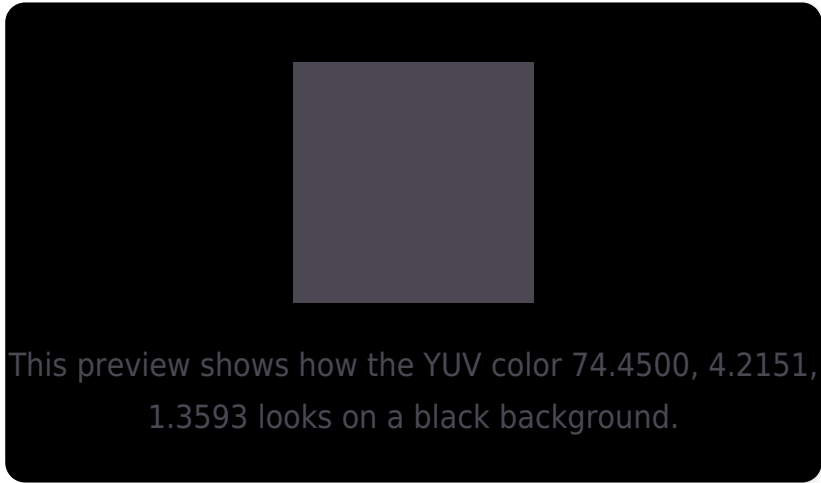
Large Text (above 18pt) WCAG AA ✓ Pass

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

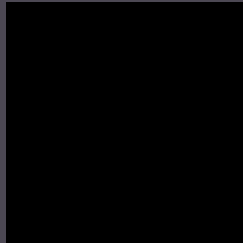
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4500, 4.2151, 1.3593

Background



This preview shows how black text looks on a background with the YUV color 74.4500, 4.2151, 1.3593.

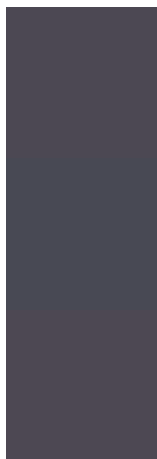


This preview shows how white text looks on a background with the YUV color 74.4500, 4.2151,

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

74.4500, 4.2151, 1.3593

Protanopia

73.9550, 4.9522, -1.7145

Deuteranopia

74.7490, 4.0677, 1.9741



Tritanopia

74.1680, 1.8892, 0.7297

Trichromacy



Original Color

74.4500, 4.2151, 1.3593

Protanomaly

74.2540, 4.8048, -1.0998

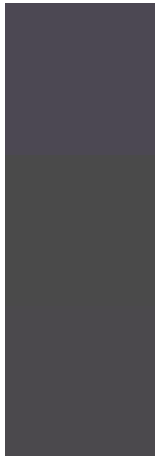
Deuteranomaly

74.7490, 4.0677, 1.9741

Tritanomaly

74.3960, 2.7628, 0.5297

Monochromacy



Original Color

74.4500, 4.2151, 1.3593

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4500, 4.2151, 1.3593 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(76, 72, 83)` looks like.

```
.text, #text, p{  
  color:rgb(76, 72, 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(76, 72, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 72, 83) }
```

Border

The CSS property to change the border of an element to YUV 74.4500, 4.2151, 1.3593 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(76, 72, 83) }
```


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

```
.border{ border-color:rgb(76, 72, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 72, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 72, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 72, 83);  
box-shadow:4px 4px 4px 4px rgb(76, 72, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.4500, 4.2151, 1.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 72, 83) }
```

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

```
.background{ background-color: rgb(76, 72,  
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](#).

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