

Converting Colors

YUV(73.2530, -10.4777, 0.6551)

Have a look what the booklet for
YUV(73.2530, -10.4777, 0.6551)
contains.

YUV(73.2530, -10.4777, 0.6551)	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(73.2530, -10.4777,
0.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4D34
RGB	74, 77, 52
RGB Percent	29%, 30%, 20%
CMY	0.7098, 0.6980, 0.7961
CMYK	0.04, 0.00, 0.32, 0.70
HSL	67°, 19%, 25%
HSV	67°, 32%, 30%
XYZ	6.0978, 7.0115, 4.2808
YIQ	73.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

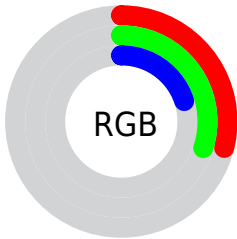
Format	Color
RYB	52, 77, 55
Decimal	4869428
CIELab	31.83, -6.02, 14.46
CIELCh	32, 15.666, 112.583
Yxy	7.0115, 0.3506, 0.4032
Android (android.graphics.Color)	4283059508 (0xFF4A4D34)
YUV	73.2530, -10.4777, 0.6551
Hunter-Lab	26.4793, -5.2331, 8.9504

Details

The YUV color **73.2530, -10.4777, 0.6551** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.7470, 10.4777, -0.6551**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0250, -11.3513, 0.8551**, and **29.1390, -10.9145, 0.7551** is the 20% darker color. If you saturate the color by 10%, you get **72.0420, -13.8247, 0.8402**, and if you desaturate by 10%, it is **74.4640, -7.1308, 0.4701**.

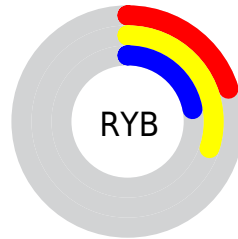
Distribution



Red (29%)

Green (30%)

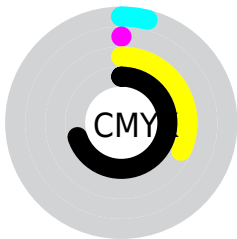
Blue (20%)



Red (20%)

Yellow (30%)

Blue (22%)

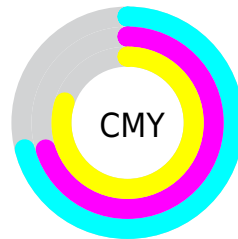


Cyan (4%)

Magenta (0%)

Yellow (32%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2530, -10.4777, 0.6551 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 73.2530, -10.4777, 0.6551 by changing the saturation by 10% instead.

73.2530, -10.4777,
0.6551

73.2530, -10.4777,
0.6551

255.0000, 0.0000,
0.0000

50.4810, -9.6041,
0.4552

122.0250,
-11.3513, 0.8551

29.1390, -10.9145,
0.7551

147.9110,
-11.7881, 0.9551

6.4570, -3.1833,
-5.6628

174.2100,
-11.9355, 1.5698

0.0000, 0.0000,
0.0000

201.6830,
-12.6617, 1.1550

229.6830,
-12.6617, 1.1550

252.3780,

-10.0464, 2.2995

■ 73.2530, -10.4777,
0.6551

■ 73.2530, -10.4777,
0.6551

■ 72.0420, -13.8247,
0.8402

■ 74.4640, -7.1308,
0.4701

■ 70.9450, -16.7349,
0.9252

■ 75.5610, -4.2206,
0.3850

■ 69.7340, -20.0819,
1.1103

■ 76.7720, -0.8736,
0.2000

■ 68.5230, -23.4288,
1.2953

■ 77.9830, 2.4734,
0.0149

■ 67.4260, -26.3390,
1.3804

■ 79.0800, 5.3836,
-0.0702

■ 66.2150, -29.6860,
1.5654

■ 80.2910, 8.7305,
-0.2552

■ 65.5310, -32.3068,
2.1653

■ 81.2030, 12.2249,
-1.0550

■ 82.4140, 15.5719,
-1.2401

■ 83.5110, 18.4821,
-1.3251

Harmonies

Analogous

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



74.6780, -11.6733, 10.8064



73.2530, -10.4777, 0.6551



71.7400, -5.7878, -10.2960

Triad

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



73.2530, -10.4777, 0.6551



69.6360, 12.0115, -25.9908



76.6370, 0.6720, 17.8584

Complementary

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



73.2530, -10.4777, 0.6551



55.7470, 10.4777, -0.6551

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.



77.0750, 6.3720, 9.5812



73.2530, -10.4777, 0.6551



72.9300, 12.8525, -15.7246

Square

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



73.2530, -10.4777, 0.6551



68.7730, 7.5069, -27.8649



75.7360, 10.4832, -2.3995



76.1660, -5.0118, 20.9024

Rectangle

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



73.2530, -10.4777, 0.6551



70.4340, -1.6930, -17.0436



75.7360, 10.4832, -2.3995



77.1960, 2.8614, 15.6141

Sweetspot

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



73.2530, -10.4777, 0.6551



97.6750, -3.7838, 0.2850



61.2360, -4.5533, 13.8250



50.0170, -2.4734, -0.0149



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.



73.2530, -10.4777, 0.6551



93.4720, -16.0087, 1.3401



69.6650, -8.7088, -6.7222



37.5440, -1.7472, 0.3999



86.7840, -42.7845, 2.8204



195.4080, -96.3361, 5.7812

Inverse Universe

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



55.7470, 10.4777, -0.6551



66.5280, 16.0087, -1.3401



59.3350, 8.7088, 6.7222



34.7550, 1.5998, 0.2149



15.2160, 42.7845, -2.8204



34.5920, 96.3361, -5.7812

Previews

White Background



This preview shows how the YUV color 73.2530, -10.4777, 0.6551 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 73.2530, -10.4777, 0.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

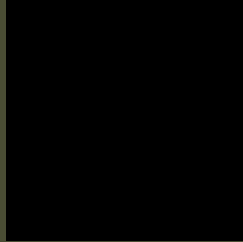
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2530, -10.4777, 0.6551

Background



This preview shows how black text looks on a background with the YUV color 73.2530, -10.4777, 0.6551.



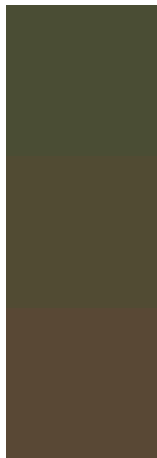
This preview shows how white text looks on a background with the YUV color 73.2530, -10.4777,

0.6551.

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

73.2530, -10.4777, 0.6551

Protanopia

74.0580, -11.3676, 6.0881

Deuteranopia

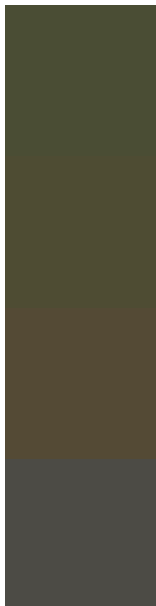
74.9170, -10.8051, 12.3508



Tritanopia

75.4670, 1.7418, 1.3444

Trichromacy



Original Color

73.2530, -10.4777, 0.6551

Protanomaly

73.7480, -11.2148, 3.7290

Deuteranomaly

74.5960, -10.6468, 8.2473

Tritanomaly

74.6150, -2.7682, 1.2146

Monochromacy



Original Color

73.2530, -10.4777, 0.6551

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6750, -3.7838, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2530, -10.4777, 0.6551 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(74, 77, 52)` looks like.

```
.text, #text, p{  
    color:rgb(74, 77, 52)  
}
```

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(74, 77, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 77, 52) }
```

Border

The CSS property to change the border of an element to YUV 73.2530, -10.4777, 0.6551 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(74, 77, 52) }
```


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

```
.border{ border-color:rgb(74, 77, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 77, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 77, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 77, 52);  
box-shadow:4px 4px 4px 4px rgb(74, 77, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.2530, -10.4777, 0.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 77, 52) }
```

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

```
.background{ background-color: rgb(74, 77,  
52) }
```

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