

Converting Colors

YUV(77.1370, -4.5045, -1.8741)

Have a look what the booklet for
YUV(77.1370, -4.5045, -1.8741)
contains.

YUV(77.1370, -4.5045, -1.8741)	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(77.1370, -4.5045,
-1.8741)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5044
RGB	75, 80, 68
RGB Percent	29%, 31%, 27%
CMY	0.7059, 0.6863, 0.7333
CMYK	0.06, 0.00, 0.15, 0.69
HSL	85°, 8%, 29%
HSV	85°, 15%, 31%
XYZ	6.8137, 7.6505, 6.5864
YIQ	77.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

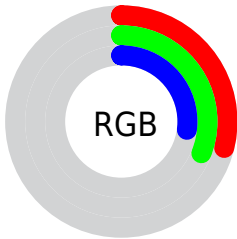
Format	Color
R_{YB}	68, 80, 73
Decimal	4935748
CIE Lab	33.24, -4.55, 6.39
CIE LCh	33, 7.849, 125.452
Yxy	7.6505, 0.3237, 0.3634
Android (android.graphics.Color)	4283125828 (0xFF4B5044)
YUV	77.1370, -4.5045, -1.8741
Hunter-Lab	27.6596, -4.4324, 5.2433

Details

The YUV color **77.1370, -4.5045, -1.8741** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70.8630, 4.5045, 1.8741**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0230, -4.9413, -1.7742**, and **33.2510, -4.0677, -1.9741** is the 20% darker color. If you saturate the color by 10%, you get **75.3280, -7.5567, -2.9187**, and if you desaturate by 10%, it is **78.9460, -1.4524, -0.8296**.

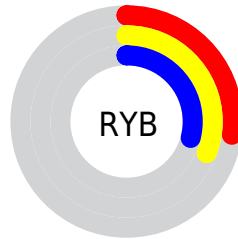
Distribution



Red (29%)

Green (31%)

Blue (27%)



Red (27%)

Yellow (31%)

Blue (29%)

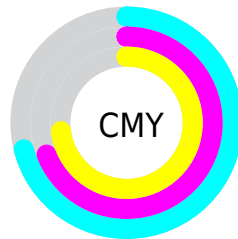


Cyan (6%)

Magenta (0%)

Yellow (15%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1370, -4.5045, -1.8741 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 77.1370, -4.5045, -1.8741 by changing the saturation by 10% instead.

■ 77.1370, -4.5045,
-1.8741

■ 77.1370, -4.5045,
-1.8741

255.0000, 0.0000,
0.0000

■ 54.2510, -4.0677,
-1.9741

■ 126.0230, -4.9413,
-1.7742

■ 33.2510, -4.0677,
-1.9741

■ 152.0230, -4.9413,
-1.7742

■ 10.0120, -4.9359,
-3.5185

■ 178.6100, -5.2307,
-2.2890

■ 0.0000, 0.0000,
0.0000

■ 206.4960, -5.6675,
-2.1890

■ 234.4960, -5.6675,
-2.1890

254.6580, -1.3104,

0.2999

■ 77.1370, -4.5045,
-1.8741

■ 77.1370, -4.5045,
-1.8741

■ 75.3280, -7.5567,
-2.9187

■ 78.9460, -1.4524,
-0.8296

■ 73.2200, -10.4615,
-4.5779

■ 81.0540, 1.4524,
0.8296

■ 71.4110, -13.5136,
-5.6224

■ 82.8630, 4.5045,
1.8741

■ 69.6020, -16.5658,
-6.6670

■ 84.6720, 7.5567,
2.9187

■ 67.4940, -19.4705,
-8.3262

■ 86.7800, 10.4615,
4.5779

■ 65.6850, -22.5227,
-9.3707

■ 88.5890, 13.5136,
5.6224

■ 63.8760, -25.5749,
-10.4153

■ 90.3980, 16.5658,
6.6670

■ 61.7680, -28.4796,
-12.0745

■ 92.5060, 19.4705,
8.3262

■ 61.0130, -30.0794,
-12.2894

■ 94.3150, 22.5227,
9.3707

Harmonies

Analogous

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



77.8280, -5.8312, 3.6588



77.1370, -4.5045, -1.8741



76.2010, -1.5781, -7.1923

Triad

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



77.1370, -4.5045, -1.8741



76.8400, 5.9949, -9.5067



79.4250, -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.



77.1370, -4.5045, -1.8741



70.8630, 4.5045, 1.8741

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.



79.5000, 1.7255, 6.5775



77.1370, -4.5045, -1.8741



77.8730, 5.9786, -4.2736

Square

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



77.1370, -4.5045, -1.8741



75.7750, 4.5479, -12.0807



78.8630, 4.5045, 1.8741



79.3280, -4.1057, 10.2363

Rectangle

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



77.1370, -4.5045, -1.8741



76.3470, 0.3219, -9.9513



78.8630, 4.5045, 1.8741



79.3540, -0.1745, 9.3365

Sweetspot

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



77.1370, -4.5045, -1.8741



103.4190, -2.1786, -1.2445



74.5230, -3.2158, 4.8033



52.9460, -1.4524, -0.8296



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.



77.1370, -4.5045, -1.8741



100.4420, -7.1199, -3.0186



75.3430, -3.6201, -5.5628



39.9460, -1.4524, -0.8296



79.8740, -39.3779, -16.5525



176.5490, -87.0387, -36.4385

Inverse Universe

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



70.8630, 4.5045, 1.8741



90.5580, 7.1199, 3.0186



72.6570, 3.6201, 5.5628



37.7550, 1.5998, 0.2149



25.1260, 39.3779, 16.5525



55.4510, 87.0387, 36.4385

Previews

White Background



This preview shows how the YUV color 77.1370, -4.5045, -1.8741 looks on a white background.

Color Contrast Check

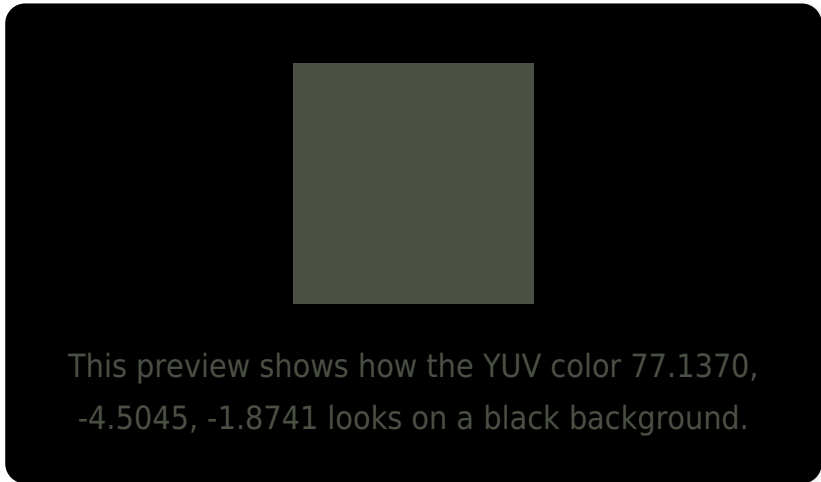
Large Text (above 18pt) WCAG AA ✓ Pass

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

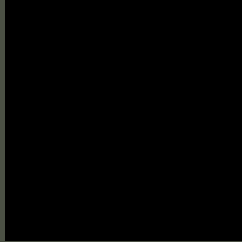
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1370, -4.5045, -1.8741

Background



This preview shows how black text looks on a background with the YUV color 77.1370, -4.5045, -1.8741.



This preview shows how white text looks on a background with the YUV color 77.1370, -4.5045,

-1.8741.

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

77.1370, -4.5045, -1.8741

Protanopia

77.9420, -5.3944, 3.5589

Deuteranopia

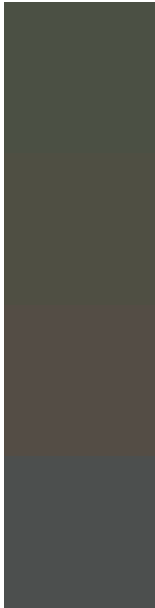
78.5020, -4.6845, 9.2067



Tritanopia

78.3850, 2.7682, -1.2146

Trichromacy



Original Color

77.1370, -4.5045, -1.8741

Protanomaly

77.6320, -5.2416, 1.1997

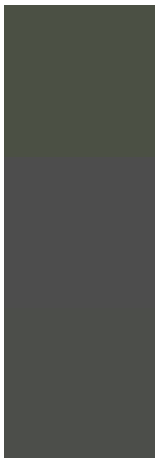
Deuteranomaly

78.1810, -4.5262, 5.1033

Tritanomaly

77.9890, 0.0054, -1.7444

Monochromacy



Original Color

77.1370, -4.5045, -1.8741

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1370, -4.5045, -1.8741 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(75, 80, 68)` looks like.

```
.text, #text, p{  
    color:rgb(75, 80, 68)  
}
```

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(75, 80, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 80, 68) }
```

Border

The CSS property to change the border of an element to YUV 77.1370, -4.5045, -1.8741 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(75, 80, 68) }
```


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

```
.border{ border-color:rgb(75, 80, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 80, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 80, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 80, 68);  
box-shadow:4px 4px 4px 4px rgb(75, 80, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1370, -4.5045, -1.8741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 80, 68) }
```

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

```
.background{ background-color: rgb(75, 80,  
68) }
```

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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