

Converting Colors

YUV(77.4640, -7.1308, 0.4701)

Have a look what the booklet for
YUV(77.4640, -7.1308, 0.4701)
contains.

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Color

**YUV(77.4640, -7.1308,
0.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	4E503F
RGB	78, 80, 63
RGB Percent	31%, 31%, 25%
CMY	0.6941, 0.6863, 0.7529
CMYK	0.02, 0.00, 0.21, 0.69
HSL	67°, 12%, 28%
HSV	67°, 21%, 31%
XYZ	6.9077, 7.7159, 5.8279
YIQ	77.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

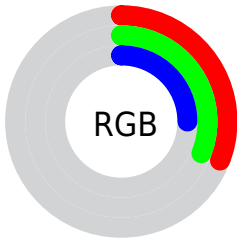
Format	Color
R_{YB}	63, 80, 65
Decimal	5132351
CIE Lab	33.38, -4.20, 9.77
CIE LCh	33, 10.638, 113.276
Yxy	7.7159, 0.3378, 0.3773
Android (android.graphics.Color)	4283322431 (0xFF4E503F)
YUV	77.4640, -7.1308, 0.4701
Hunter-Lab	27.7775, -4.2210, 7.0049

Details

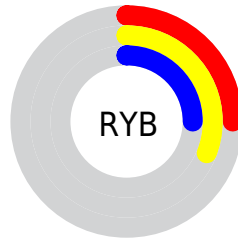
The YUV color **77.4640, -7.1308, 0.4701** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65.5360, 7.1308, -0.4701**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3500, -7.5675, 0.5701**, and **33.6920, -6.2572, 0.2701** is the 20% darker color. If you saturate the color by 10%, you get **76.2530, -10.4777, 0.6551**, and if you desaturate by 10%, it is **78.6750, -3.7838, 0.2850**.

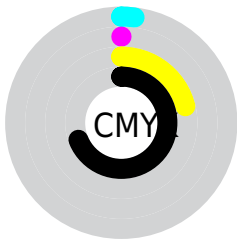
Distribution



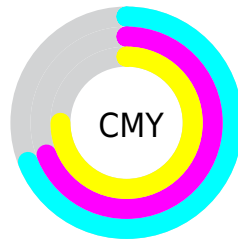
- Red (31%)
- Green (31%)
- Blue (25%)



- Red (25%)
- Yellow (31%)
- Blue (25%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (69%)



- Cyan (69%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4640, -7.1308, 0.4701 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 77.4640, -7.1308, 0.4701 by changing the saturation by 10% instead.

■ 77.4640, -7.1308,
0.4701

■ 77.4640, -7.1308,
0.4701

■ 255.0000, 0.0000,
0.0000

■ 54.5780, -6.6940,
0.3701

■ 126.3500, -7.5675,
0.5701

■ 33.6920, -6.2572,
0.2701

■ 152.2360, -8.0043,
0.6700

■ 10.6100, -5.2307,
-2.2890

■ 179.1220, -8.4411,
0.7700

■ 0.0000, 0.0000,
0.0000

■ 207.0080, -8.8779,
0.8700

■ 235.0080, -8.8779,
0.8700

■ 253.9740, -3.9312,

0.8998

■ 77.4640, -7.1308,
0.4701

■ 77.4640, -7.1308,
0.4701

■ 76.2530, -10.4777,
0.6551

■ 78.6750, -3.7838,
0.2850

■ 75.0420, -13.8247,
0.8402

■ 79.8860, -0.4368,
0.1000

■ 73.8310, -17.1717,
1.0252

■ 81.0970, 2.9102,
-0.0851

■ 72.6200, -20.5187,
1.2103

■ 82.3080, 6.2572,
-0.2701

■ 71.4090, -23.8656,
1.3953

■ 83.5190, 9.6041,
-0.4552

■ 70.1980, -27.2126,
1.5804

■ 84.7300, 12.9511,
-0.6402

■ 68.9870, -30.5596,
1.7654

■ 85.9410, 16.2981,
-0.8253

■ 68.1890, -33.6172,
2.4652

■ 87.1520, 19.6451,
-1.0103

■ 88.0640, 23.1394,
-1.8101

Harmonies

Analogous

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



78.2800, -8.0260, 7.6474



77.4640, -7.1308, 0.4701



76.2180, -4.0515, -7.2072

Triad

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



77.4640, -7.1308, 0.4701



75.9640, 7.9057, -15.7544



80.1910, 0.3988, 12.1105

Complementary

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



77.4640, -7.1308, 0.4701



65.5360, 7.1308, -0.4701

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.



79.8960, 4.4883, 7.1072



77.4640, -7.1308, 0.4701



77.8230, 8.4683, -9.4918

Square

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



77.4640, -7.1308, 0.4701



75.1550, 4.8536, -16.7989



79.2370, 7.2782, -1.0848



79.7630, -3.8272, 14.2398

Rectangle

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



77.4640, -7.1308, 0.4701



75.8800, -1.4198, -11.2958



79.2370, 7.2782, -1.0848



80.2340, 1.8566, 11.1958

Sweetspot

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



77.4640, -7.1308, 0.4701



103.9030, -2.9102, 0.0851



69.2570, -3.0847, 9.4216



53.2450, -1.5998, -0.2149



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.



77.4640, -7.1308, 0.4701



100.6120, -11.6407, 0.3403



75.0720, -5.9515, -4.4481



40.2450, -1.5998, -0.2149



89.1430, -43.9475, 2.5056



197.4790, -97.3571, 6.5959

Inverse Universe

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



65.5360, 7.1308, -0.4701



81.3880, 11.6407, -0.3403



67.9280, 5.9515, 4.4481



37.4560, 1.7472, -0.3999



15.5580, 44.0949, -3.1204



34.5210, 97.3571, -6.5959

Previews

White Background



This preview shows how the YUV color 77.4640, -7.1308, 0.4701 looks on a white background.

Color Contrast Check

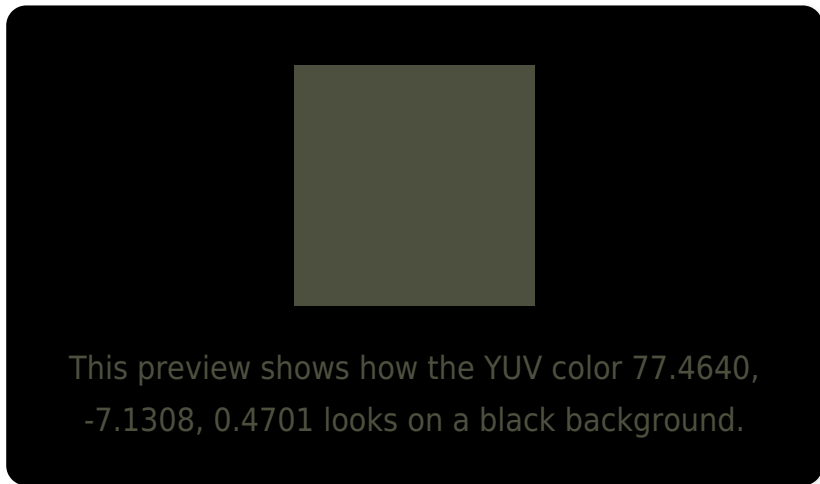
Large Text (above 18pt) WCAG AA ✓ Pass

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

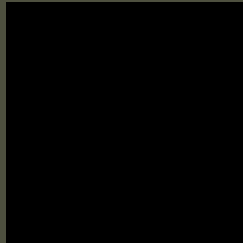
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

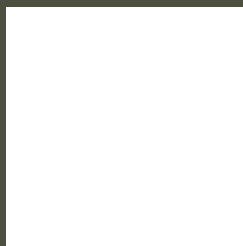
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.4640, -7.1308, 0.4701

Background



This preview shows how black text looks on a background with the YUV color 77.4640, -7.1308, 0.4701.

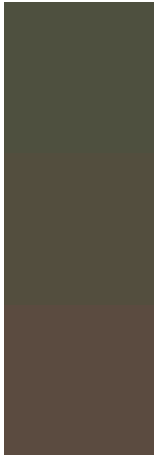


This preview shows how white text looks on a background with the YUV color 77.4640, -7.1308,

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

77.4640, -7.1308, 0.4701

Protanopia

77.6710, -7.7258, 4.6735

Deuteranopia

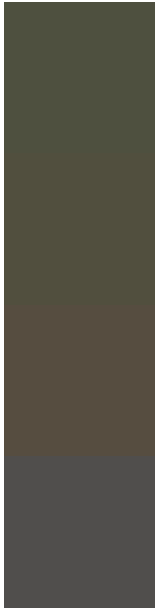
78.5300, -7.1633, 10.9362



Tritanopia

78.8800, 2.0312, 1.8592

Trichromacy



Original Color

77.4640, -7.1308, 0.4701

Protanomaly

77.6600, -7.7204, 2.9292

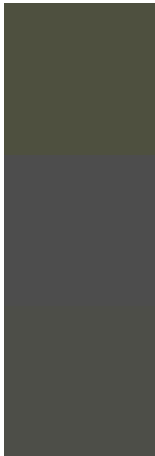
Deuteranomaly

78.2090, -7.0050, 6.8327

Tritanomaly

78.3700, -1.1684, 1.4295

Monochromacy



Original Color

77.4640, -7.1308, 0.4701

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4640, -7.1308, 0.4701 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, 80, 63)` looks like.

```
.text, #text, p{  
    color:rgb(78, 80, 63)  
}
```

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, 80, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 80, 63) }
```

Border

The CSS property to change the border of an element to YUV 77.4640, -7.1308, 0.4701 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, 80, 63) }
```


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

```
.border{ border-color:rgb(78, 80, 63) }
```

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

Here you see how a box with a 4 pixel rgb(78, 80, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 80, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 80, 63);  
box-shadow:4px 4px 4px 4px rgb(78, 80, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.4640, -7.1308, 0.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 80, 63) }
```

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

```
.background{ background-color: rgb(78, 80,  
63) }
```

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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