

Converting Colors

YUV(78.1220, -8.4411, 0.7700)

Have a look what the booklet for
YUV(78.1220, -8.4411, 0.7700)
contains.

YUV(78.1220, -8.4411, 0.7700)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(78.1220, -8.4411,
0.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	4F513D
RGB	79, 81, 61
RGB Percent	31%, 32%, 24%
CMY	0.6902, 0.6824, 0.7608
CMYK	0.02, 0.00, 0.25, 0.68
HSL	66°, 14%, 28%
HSV	66°, 25%, 32%
XYZ	7.0092, 7.8840, 5.5672
YIQ	78.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

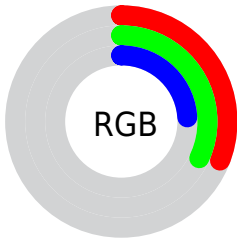
Format	Color
R_{YB}	61, 81, 63
Decimal	5198141
CIE _{Lab}	33.74, -4.72, 11.53
CIE _{LCh}	34, 12.457, 112.279
Yxy	7.8840, 0.3426, 0.3853
Android (android.graphics.Color)	4283388221 (0xFF4F513D)
YUV	78.1220, -8.4411, 0.7700
Hunter-Lab	28.0785, -4.5789, 7.8994

Details

The YUV color **78.1220, -8.4411, 0.7700** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **63.8780, 8.4411, -0.7700**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0080, -8.8779, 0.8700**, and **34.0510, -7.4201, -0.0447** is the 20% darker color. If you saturate the color by 10%, you get **76.9110, -11.7881, 0.9551**, and if you desaturate by 10%, it is **79.3330, -5.0942, 0.5850**.

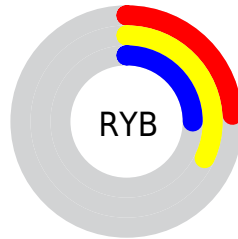
Distribution



Red (31%)

Green (32%)

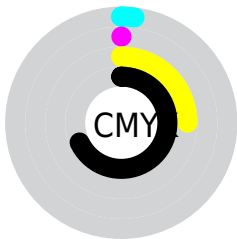
Blue (24%)



Red (24%)

Yellow (32%)

Blue (25%)

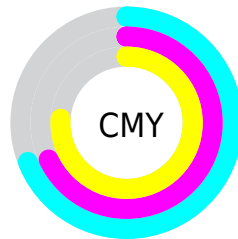


Cyan (2%)

Magenta (0%)

Yellow (25%)

Black (68%)



Cyan (69%)

Magenta (68%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1220, -8.4411, 0.7700 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 78.1220, -8.4411, 0.7700 by changing the saturation by 10% instead.

■ 78.1220, -8.4411,
0.7700

■ 78.1220, -8.4411,
0.7700

■ 255.0000, 0.0000,
0.0000

■ 55.2360, -8.0043,
0.6700

■ 127.0080, -8.8779,
0.8700

■ 34.0510, -7.4201,
-0.0447

■ 152.8940, -9.3147,
0.9700

■ 12.0830, -5.9569,
-2.7038

■ 179.7800, -9.7515,
1.0699

■ 0.0000, 0.0000,
0.0000

■ 207.6660,
-10.1883, 1.1699

■ 235.6660,
-10.1883, 1.1699

■ 253.6320, -5.2416,

1.1997

■ 78.1220, -8.4411,
0.7700

■ 78.1220, -8.4411,
0.7700

■ 76.9110, -11.7881,
0.9551

■ 79.3330, -5.0942,
0.5850

■ 75.7000, -15.1351,
1.1401

■ 80.5440, -1.7472,
0.3999

■ 74.7880, -18.6295,
1.9399

■ 81.4560, 1.7472,
-0.3999

■ 73.5770, -21.9765,
2.1250

■ 82.6670, 5.0942,
-0.5850

■ 72.3660, -25.3234,
2.3100

■ 83.9920, 8.8779,
-0.8700

■ 71.0410, -29.1072,
2.5950

■ 85.2030, 12.2249,
-1.0550

■ 69.8300, -32.4542,
2.7801

■ 86.4140, 15.5719,
-1.2401

■ 69.3740, -34.2014,
3.1800

■ 87.3260, 19.0663,
-2.0399

■ 88.5370, 22.4133,
-2.2249

Harmonies

Analogous

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



79.2370, -9.4838, 8.5622



78.1220, -8.4411, 0.7700



76.6910, -4.7777, -7.6220

Triad

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



78.1220, -8.4411, 0.7700



76.2840, 9.2270, -19.5431



81.2020, 0.3934, 13.8548

Complementary

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



78.1220, -8.4411, 0.7700



63.8780, 8.4411, -0.7700

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.



80.8360, 5.5039, 8.0368



78.1220, -8.4411, 0.7700



77.9690, 10.3683, -12.2508

Square

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



78.1220, -8.4411, 0.7700



75.2470, 5.3012, -20.3876



80.2800, 8.7360, -1.9996



80.9590, -4.4168, 16.6990

Rectangle

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



78.1220, -8.4411, 0.7700



76.4560, -1.7038, -13.5549



80.2800, 8.7360, -1.9996



81.0600, 2.4354, 12.2254

Sweetspot

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



78.1220, -8.4411, 0.7700



103.7890, -3.3470, 0.1850



68.1540, -3.5269, 11.2659



53.1310, -2.0366, -0.1149



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.



78.1220, -8.4411, 0.7700



100.1560, -13.3879, 0.7402



75.1320, -6.9671, -5.3778



40.2450, -1.5998, -0.2149



89.7410, -44.2423, 3.7351



198.6750, -97.9468, 9.0550

Inverse Universe

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



63.8780, 8.4411, -0.7700



77.5450, 13.5353, -1.3550



66.8680, 6.9671, 5.3778



37.4560, 1.7472, -0.3999



14.9600, 44.3897, -4.3499



33.3250, 97.9468, -9.0550

Previews

White Background



This preview shows how the YUV color 78.1220, -8.4411, 0.7700 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 78.1220, -8.4411, 0.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

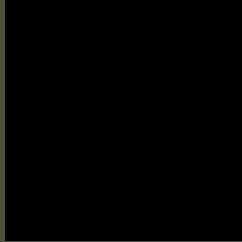
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1220, -8.4411, 0.7700

Background



This preview shows how black text looks on a background with the YUV color 78.1220, -8.4411, 0.7700.



This preview shows how white text looks on a background with the YUV color 78.1220, -8.4411,

0.7700.

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

78.1220, -8.4411, 0.7700

Protanopia

78.6280, -9.1836, 5.5882

Deuteranopia

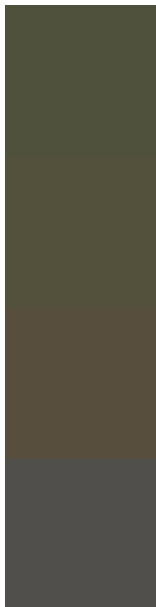
79.4870, -8.6211, 11.8509



Tritanopia

79.8800, 2.0312, 1.8592

Trichromacy



Original Color

78.1220, -8.4411, 0.7700

Protanomaly

78.6170, -9.1782, 3.8439

Deuteranomaly

79.1660, -8.4628, 7.7474

Tritanomaly

79.2560, -1.6052, 1.5295

Monochromacy



Original Color

78.1220, -8.4411, 0.7700

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9030, -2.9102, 0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1220, -8.4411, 0.7700 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(79, 81, 61)` looks like.

```
.text, #text, p{  
    color:rgb(79, 81, 61)  
}
```

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(79, 81, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 81, 61) }
```

Border

The CSS property to change the border of an element to YUV 78.1220, -8.4411, 0.7700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

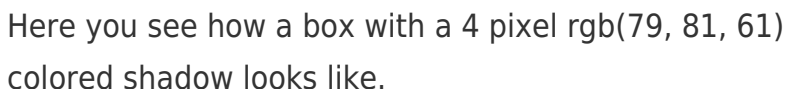
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 81, 61) }
```


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

```
.border{ border-color:rgb(79, 81, 61) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 81, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 81, 61); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 81, 61); box-shadow:4px 4px 4px 4px rgb(79, 81, 61) }
```

Background

The CSS property to change the background color of an element to YUV 78.1220, -8.4411, 0.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 81, 61) }
```

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

```
.background{ background-color: rgb(79, 81,  
61) }
```

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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