

Converting Colors

YUV(78.8000, -3.3524, 1.9294)

Have a look what the booklet for
YUV(78.8000, -3.3524, 1.9294)
contains.

YUV(78.8000, -3.3524, 1.9294)	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(78.8000, -3.3524,
1.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	514F48
RGB	81, 79, 72
RGB Percent	32%, 31%, 28%
CMY	0.6824, 0.6902, 0.7176
CMYK	0.00, 0.02, 0.11, 0.68
HSL	47°, 6%, 30%
HSV	47°, 11%, 32%
XYZ	7.3590, 7.8092, 7.2504
YIQ	78.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

Format	Color
R_{YB}	75, 81, 72
Decimal	5328712
CIE Lab	33.58, -0.61, 4.42
CIE LCh	34, 4.464, 97.852
Yxy	7.8092, 0.3283, 0.3483
Android (android.graphics.Color)	4283518792 (0xFF514F48)
YUV	78.8000, -3.3524, 1.9294
Hunter-Lab	27.9449, -1.8973, 4.1785

Details

The YUV color **78.8000, -3.3524, 1.9294** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74.2000, 3.3524, -1.9294**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6860, -3.7892, 2.0294**, and **34.6150, -2.7682, 1.2146** is the 20% darker color. If you saturate the color by 10%, you get **76.7140, -6.2680, 3.7588**, and if you desaturate by 10%, it is **80.8860, -0.4368, 0.1000**.

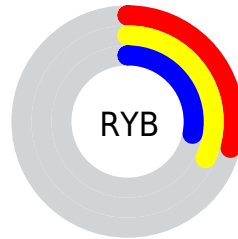
Distribution



Red (32%)

Green (31%)

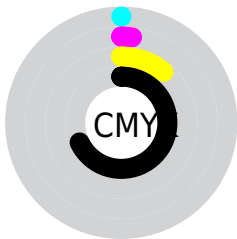
Blue (28%)



Red (29%)

Yellow (32%)

Blue (28%)

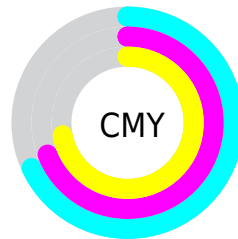


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (68%)



Cyan (68%)

Magenta (69%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8000, -3.3524, 1.9294 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 78.8000, -3.3524, 1.9294 by changing the saturation by 10% instead.

■ 78.8000, -3.3524,
1.9294

■ 78.8000, -3.3524,
1.9294

■ 255.0000, 0.0000,
0.0000

■ 55.9140, -2.9156,
1.8294

■ 127.6860, -3.7892,
2.0294

■ 34.6150, -2.7682,
1.2146

■ 153.6860, -3.7892,
2.0294

■ 12.6430, -5.2470,
2.9441

■ 180.6860, -3.7892,
2.0294

■ 0.0000, 0.0000,
0.0000

■ 207.9850, -3.9366,
2.6442

■ 236.5720, -4.2260,
2.1294

■ 78.8000, -3.3524,
1.9294

■ 78.8000, -3.3524,
1.9294

■ 76.7140, -6.2680,
3.7588

■ 80.8860, -0.4368,
0.1000

■ 74.6280, -9.1836,
5.5882

■ 82.9720, 2.4788,
-1.7294

■ 73.1290, -12.3886,
6.9029

■ 84.4710, 5.6838,
-3.0441

■ 71.0430, -15.3042,
8.7323

■ 86.5570, 8.5994,
-4.8735

■ 68.9570, -18.2198,
10.5617

■ 88.6430, 11.5150,
-6.7029

■ 66.7570, -21.5722,
12.4911

■ 90.8430, 14.8674,
-8.6323

■ 64.6710, -24.4878,
14.3205

■ 92.9290, 17.7830,
-10.4617

■ 63.1720, -27.6928,

■ 94.4280, 20.9880,

15.6352

-11.7764

■ 61.2000, -30.1716,
17.3646

■ 96.5140, 23.9036,
-13.6058

Harmonies

Analogous

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



79.2240, -3.0684, 4.1886



78.8000, -3.3524, 1.9294



78.3050, -2.6154, -1.1445

Triad

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



78.8000, -3.3524, 1.9294



78.2380, 2.3477, -6.3477



79.9620, 1.0047, 4.4183

Complementary

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



78.8000, -3.3524, 1.9294



74.2000, 3.3524, -1.9294

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.



79.6950, 2.6154, 1.1445



78.8000, -3.3524, 1.9294



78.4770, 3.2158, -4.8033

Square

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



78.8000, -3.3524, 1.9294



77.8960, 1.0373, -6.0478



78.9010, 3.4998, -2.5442



80.1040, -1.0373, 6.0478

Rectangle

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



78.8000, -3.3524, 1.9294



78.2230, -1.5889, -3.7036



78.9010, 3.4998, -2.5442



79.4780, 1.7363, 3.0888

Sweetspot

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



78.8000, -3.3524, 1.9294



103.9570, -1.4578, 0.9147



74.9190, -0.4531, 5.3330



53.0710, -1.0210, 0.8147



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.



78.8000, -3.3524, 1.9294



101.6430, -5.2470, 2.9441



79.3760, -3.6364, -0.3298



39.9570, -1.4578, 0.9147



78.9420, -38.9184, 22.8529



175.0280, -86.2888, 49.9644

Inverse Universe

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



74.2000, 3.3524, -1.9294



94.3570, 5.2470, -2.9441



73.6240, 3.6364, 0.3298



38.0430, 1.4578, -0.9147



25.4710, 39.2078, -22.3381



56.9720, 86.2888, -49.9644

Previews

White Background



This preview shows how the YUV color 78.8000, -3.3524, 1.9294 looks on a white background.

Color Contrast Check

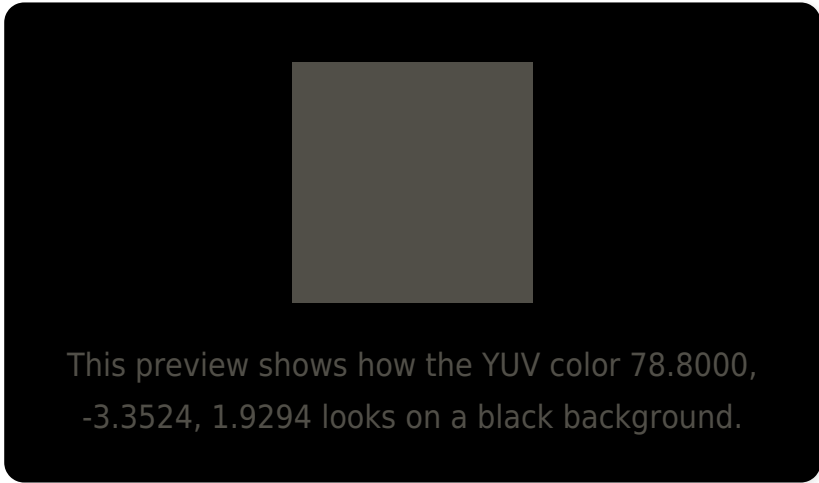
Large Text (above 18pt) WCAG AA ✓ Pass

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

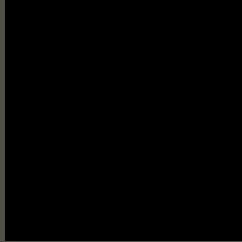
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8000, -3.3524, 1.9294

Background



This preview shows how black text looks on a background with the YUV color 78.8000, -3.3524, 1.9294.



This preview shows how white text looks on a background with the YUV color 78.8000, -3.3524,

1.9294.

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

78.8000, -3.3524, 1.9294

Protanopia

79.0990, -3.4998, 2.5442

Deuteranopia

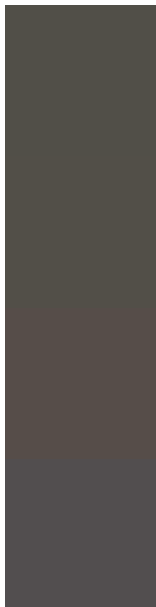
79.5450, -3.2267, 8.2920



Tritanopia

79.4780, 1.7363, 3.0888

Trichromacy



Original Color

78.8000, -3.3524, 1.9294

Protanomaly

79.0990, -3.4998, 2.5442

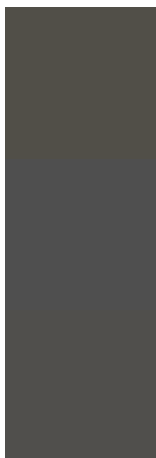
Deuteranomaly

79.2350, -3.0739, 5.9329

Tritanomaly

79.3100, -0.1528, 2.3591

Monochromacy



Original Color

78.8000, -3.3524, 1.9294

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8000, -3.3524, 1.9294 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(81, 79, 72)` looks like.

```
.text, #text, p{  
    color:rgb(81, 79, 72)  
}
```

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(81, 79, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 79, 72) }
```

Border

The CSS property to change the border of an element to YUV 78.8000, -3.3524, 1.9294 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(81, 79, 72) }
```


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

```
.border{ border-color:rgb(81, 79, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 79, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 79, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 79, 72);  
box-shadow:4px 4px 4px 4px rgb(81, 79, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.8000, -3.3524, 1.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 79, 72) }
```

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

```
.background{ background-color: rgb(81, 79,  
72) }
```

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