

Converting Colors

YUV(79.4130, 0.2894, 0.5148)

Have a look what the booklet for
YUV(79.4130, 0.2894, 0.5148)
contains.

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Color

**YUV(79.4130, 0.2894,
0.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	504F50
RGB	80, 79, 80
RGB Percent	31%, 31%, 31%
CMY	0.6863, 0.6902, 0.6863
CMYK	0.00, 0.01, 0.00, 0.69
HSL	300°, 1%, 31%
HSV	300°, 1%, 31%
XYZ	7.5522, 7.8766, 8.7117
YIQ	79.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	80, 79, 80
Decimal	5263184
CIE Lab	33.72, 0.63, -0.45
CIE LCh	34, 0.770, 324.331
Yxy	7.8766, 0.3128, 0.3263
Android (android.graphics.Color)	4283453264 (0xFF504F50)
YUV	79.4130, 0.2894, 0.5148
Hunter-Lab	28.0653, -1.0810, 1.2416

Details

The YUV color **79.4130, 0.2894, 0.5148** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79.5870, -0.2894, -0.5148**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4130, 0.2894, 0.5148**, and **35.4130, 0.2894, 0.5148** is the 20% darker color. If you saturate the color by 10%, you get **74.7170, 2.6045, 4.6332**, and if you desaturate by 10%, it is **84.1090, -2.0257, -3.6036**.

Distribution



Red (31%)

Green (31%)

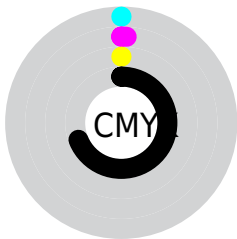
Blue (31%)



Red (31%)

Yellow (31%)

Blue (31%)



Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (69%)



Cyan (69%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4130, 0.2894, 0.5148 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 79.4130, 0.2894, 0.5148 by changing the saturation by 10% instead.

■ 79.4130, 0.2894,
0.5148

■ 79.4130, 0.2894,
0.5148

■ 255.0000, 0.0000,
0.0000

■ 56.4130, 0.2894,
0.5148

■ 128.4130, 0.2894,
0.5148

■ 35.4130, 0.2894,
0.5148

■ 154.4130, 0.2894,
0.5148

■ 13.4130, 0.2894,
0.5148

■ 181.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

■ 208.8260, 0.5788,
1.0296

■ 237.4130, 0.2894,
0.5148

■ 79.4130, 0.2894,
0.5148

■ 79.4130, 0.2894,
0.5148

■ 74.7170, 2.6045,
4.6332

■ 84.1090, -2.0257,
-3.6036

■ 70.0210, 4.9196,
8.7516

■ 88.8050, -4.3409,
-7.7220

■ 65.3250, 7.2348,
12.8700

■ 93.5010, -6.6560,
-11.8404

■ 60.6290, 9.5499,
16.9884

■ 98.1970, -8.9711,
-15.9588

■ 55.9330, 11.8650,
21.1068

■ 102.8930,
-11.2862, -20.0772

■ 51.2370, 14.1802,
25.2252

■ 107.5890,
-13.6014, -24.1956

■ 46.5410, 16.4953,
29.3435

■ 112.2850,
-15.9165, -28.3139

■ 41.8450, 18.8104,

■ 116.9810,

33.4619

-18.2316, -32.4323

■ 37.1490, 21.1255,
37.5803

■ 121.6770,
-20.5468, -36.5507

Harmonies

Analogous

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



79.1140, 0.4368, -0.1000



79.4130, 0.2894, 0.5148



79.5980, -0.2948, 1.2296

Triad

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



79.4130, 0.2894, 0.5148



79.1850, -0.5842, 0.7148



79.4020, 0.2948, -1.2296

Complementary

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



79.4130, 0.2894, 0.5148



79.5870, -0.2894, -0.5148

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.



79.2880, -0.1420, -1.1296



79.4130, 0.2894, 0.5148



78.8860, -0.4368, 0.1000

Square

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



79.4130, 0.2894, 0.5148



79.1850, -0.5842, 0.7148



79.5870, -0.2894, -0.5148



79.4020, 0.2948, -1.2296

Rectangle

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



79.4130, 0.2894, 0.5148



79.5980, -0.2948, 1.2296



79.5870, -0.2894, -0.5148



79.4020, 0.2948, -1.2296

Sweetspot

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



79.4130, 0.2894, 0.5148



105.0000, 0.0000, 0.0000



79.1140, 0.4368, -0.1000



54.0000, 0.0000, 0.0000



181.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4130, 0.2894, 0.5148



104.4130, 0.2894, 0.5148



40.4130, 0.2894, 0.5148



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Inverse Universe

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



79.4130, 0.2894, 0.5148



104.4130, 0.2894, 0.5148



79.7010, 0.1474, -0.6148



40.4130, 0.2894, 0.5148



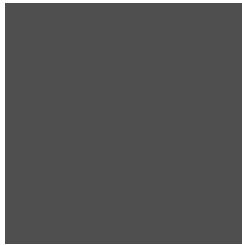
43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 79.4130, 0.2894, 0.5148 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 79.4130, 0.2894, 0.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

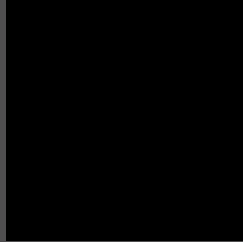
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4130, 0.2894, 0.5148

Background



This preview shows how black text looks on a background with the YUV color 79.4130, 0.2894, 0.5148.



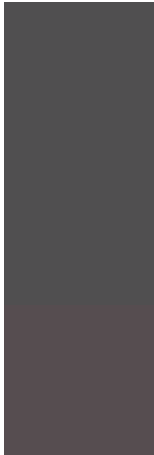
This preview shows how white text looks on a background with the YUV color 79.4130, 0.2894,

0.5148.

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

79.4130, 0.2894, 0.5148

Protanopia

79.4130, 0.2894, 0.5148

Deuteranopia

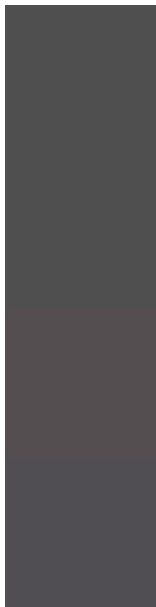
80.0330, -0.0163, 5.2331



Tritanopia

79.5810, 2.1786, 1.2445

Trichromacy



Original Color

79.4130, 0.2894, 0.5148

Protanomaly

79.4130, 0.2894, 0.5148

Deuteranomaly

80.0220, -0.0108, 3.4887

Tritanomaly

79.4670, 1.7418, 1.3444

Monochromacy



Original Color

79.4130, 0.2894, 0.5148

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4130, 0.2894, 0.5148 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(80, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(80, 79, 80)  
}
```

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(80, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 79, 80) }
```

Border

The CSS property to change the border of an element to YUV 79.4130, 0.2894, 0.5148 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(80, 79, 80) }
```

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

```
.border{ border-color:rgb(80, 79, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 79, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(80, 79, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.4130, 0.2894, 0.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 79, 80) }
```

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

```
.background{ background-color: rgb(80, 79,  
80) }
```

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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