

Converting Colors

YUV(80.9380, -9.3364, 7.9474)

Have a look what the booklet for
YUV(80.9380, -9.3364, 7.9474)
contains.

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Color

**YUV(80.9380, -9.3364,
7.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	5A503E
RGB	90, 80, 62
RGB Percent	35%, 31%, 24%
CMY	0.6471, 0.6863, 0.7569
CMYK	0.00, 0.11, 0.31, 0.65
HSL	39°, 18%, 30%
HSV	39°, 31%, 35%
XYZ	7.9546, 8.2588, 5.7323
YIQ	80.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

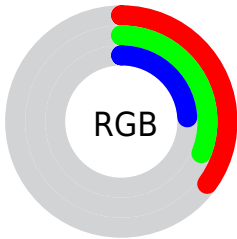
Format	Color
R_{YB}	78, 90, 62
Decimal	5918782
CIE _{Lab}	34.52, 0.97, 12.14
CIE _{LCh}	35, 12.177, 85.452
Yxy	8.2588, 0.3625, 0.3763
Android (android.graphics.Color)	4284108862 (0xFF5A503E)
YUV	80.9380, -9.3364, 7.9474
Hunter-Lab	28.7381, -0.8834, 8.2903

Details

The YUV color **80.9380, -9.3364, 7.9474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71.0620, 9.3364, -7.9474**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1230, -9.9206, 8.6621**, and **36.5680, -8.1680, 6.5179** is the 20% darker color. If you saturate the color by 10%, you get **78.1510, -12.3994, 10.3916**, and if you desaturate by 10%, it is **83.7250, -6.2734, 5.5032**.

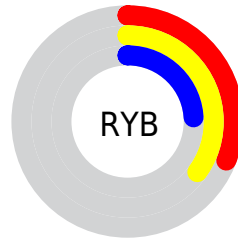
Distribution



Red (35%)

Green (31%)

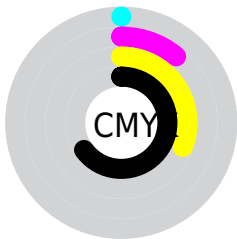
Blue (24%)



Red (31%)

Yellow (35%)

Blue (24%)

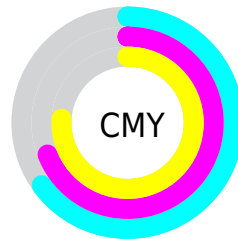


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (65%)



Cyan (65%)

Magenta (69%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.9380, -9.3364, 7.9474 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 80.9380, -9.3364, 7.9474 by changing the saturation by 10% instead.

■ 80.9380, -9.3364,
7.9474

■ 80.9380, -9.3364,
7.9474

■ 255.0000, 0.0000,
0.0000

■ 57.7530, -8.7522,
7.2326

■ 130.1230, -9.9206,
8.6621

■ 36.5680, -8.1680,
6.5179

■ 156.3080,
-10.5048, 9.3769

■ 15.0950, -7.4418,
6.9327

■ 183.1940,
-10.9416, 9.4769

■ 0.0000, 0.0000,
0.0000

■ 210.4930,
-11.0890, 10.0916

■ 239.3790,
-11.5258, 10.1916

■ 253.7460, -4.8048,

1.0998

■ 80.9380, -9.3364,
7.9474

■ 80.9380, -9.3364,
7.9474

■ 78.1510, -12.3994,
10.3916

■ 83.7250, -6.2734,
5.5032

■ 75.3640, -15.4625,
12.8358

■ 86.5120, -3.2104,
3.0590

■ 71.9900, -18.2361,
15.7948

■ 89.8860, -0.4368,
0.1000

■ 69.2030, -21.2991,
18.2390

■ 92.6730, 2.6262,
-2.3442

■ 66.4160, -24.3621,
20.6832

■ 95.4600, 5.6892,
-4.7884

■ 63.6290, -27.4251,
23.1274

■ 98.2470, 8.7522,
-7.2326

■ 60.9560, -30.0513,
25.4716

■ 101.6210, 11.5258,
-10.1916

■ 104.4080, 14.5889,
-12.6358

■ 107.1950, 17.6519,
-15.0800

Harmonies

Analogous

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



82.0250, -7.9003, 14.0101



80.9380, -9.3364, 7.9474



79.9370, -7.8569, 0.0553

Triad

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



80.9380, -9.3364, 7.9474



77.3610, 5.7380, -20.4876



82.6080, 4.6303, 8.2368

Complementary

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



80.9380, -9.3364, 7.9474



71.0620, 9.3364, -7.9474

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.



81.8780, 8.4411, -0.7700



80.9380, -9.3364, 7.9474



78.2950, 9.2216, -17.7987

Square

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



80.9380, -9.3364, 7.9474



77.7160, 0.6330, -16.4139



79.8660, 9.9261, -10.4065



82.5010, 0.2460, 14.4696

Rectangle

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



80.9380, -9.3364, 7.9474



79.0610, -5.9461, -6.1925



79.8660, 9.9261, -10.4065



82.6400, 6.0935, 5.5777

Sweetspot

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



80.9380, -9.3364, 7.9474



114.0990, -3.4998, 2.5442



71.5120, 0.2406, 16.2140



56.4410, -2.1894, 2.2442



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.9380, -9.3364, 7.9474



103.2930, -14.4414, 12.0210



85.6120, -11.6407, 0.3403



44.2560, -1.6052, 1.5295



73.9800, -36.4721, 31.5895



160.0870, -78.9229, 67.4527

Inverse Universe

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



71.0620, 9.3364, -7.9474



87.7070, 14.4414, -12.0210



66.3880, 11.6407, -0.3403



42.7440, 1.6052, -1.5295



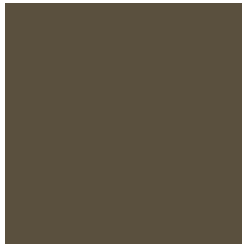
35.4330, 36.7615, -31.0747



76.9130, 78.9229, -67.4527

Previews

White Background



This preview shows how the YUV color 80.9380, -9.3364, 7.9474 looks on a white background.

Color Contrast Check

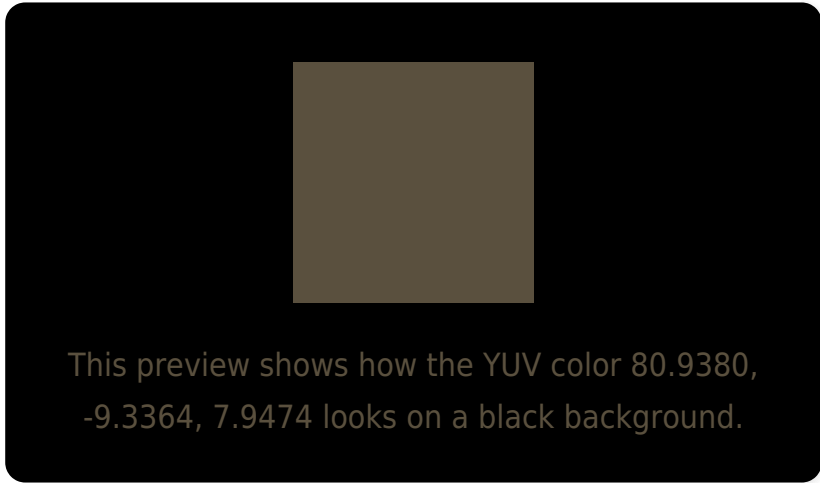
Large Text (above 18pt) WCAG AA ✓ Pass

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

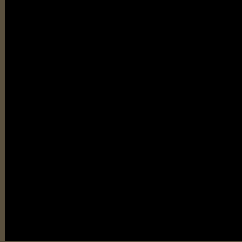
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.9380, -9.3364, 7.9474

Background



This preview shows how black text looks on a background with the YUV color 80.9380, -9.3364, 7.9474.



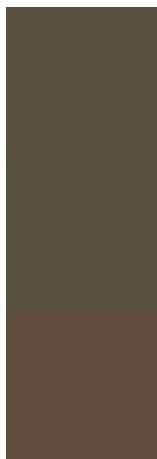
This preview shows how white text looks on a background with the YUV color 80.9380, -9.3364,

7.9474.

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

80.9380, -9.3364, 7.9474

Protanopia

80.7420, -8.7468, 5.4883

Deuteranopia

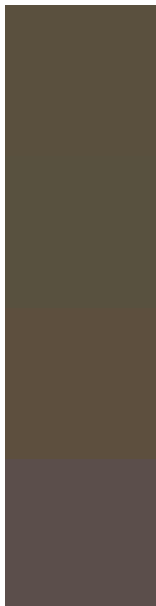
81.2590, -9.4947, 12.0509



Tritanopia

82.1690, 0.4097, 8.6218

Trichromacy



Original Color

80.9380, -9.3364, 7.9474

Protanomaly

81.0410, -8.8942, 6.1030

Deuteranomaly

81.2480, -9.4893, 10.3065

Tritanomaly

81.5450, -3.2267, 8.2920

Monochromacy



Original Color

80.9380, -9.3364, 7.9474

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9380, -9.3364, 7.9474 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(90, 80, 62)` looks like.

```
.text, #text, p{  
    color:rgb(90, 80, 62)  
}
```

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(90, 80, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 80, 62) }
```

Border

The CSS property to change the border of an element to YUV 80.9380, -9.3364, 7.9474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

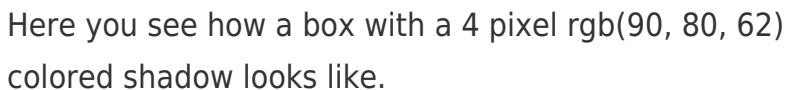
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 80, 62) }
```


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

```
.border{ border-color:rgb(90, 80, 62) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 80, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 80, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 80, 62);  
box-shadow:4px 4px 4px 4px rgb(90, 80, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.9380, -9.3364, 7.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 80, 62) }
```

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

```
.background{ background-color: rgb(90, 80,  
62) }
```

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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