

# Converting Colors

YUV(81.4070, 2.7573, 2.2741)

Have a look what the booklet for  
YUV(81.4070, 2.7573, 2.2741)  
contains.

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# Color

**YUV(81.4070, 2.7573,  
2.2741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	544F57
RGB	84, 79, 87
RGB Percent	33%, 31%, 34%
CMY	0.6706, 0.6902, 0.6588
CMYK	0.03, 0.09, 0.00, 0.66
HSL	278°, 5%, 33%
HSV	278°, 9%, 34%
XYZ	8.1724, 8.1649, 10.1621
YIQ	81.4070, 0.4120, 3.5480

# Conversions

## Conversions Part 2

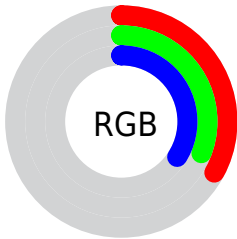
Format	Color
<a href="#">RYB</a>	<a href="#">84, 79, 87</a>
Decimal	<a href="#">5525335</a>
CIELab	<a href="#">34.32, 3.77, -3.95</a>
CIELCh	<a href="#">34, 5.465, 313.646</a>
Yxy	<a href="#">8.1649, 0.3084, 0.3081</a>
Android (android.graphics.Color)	<a href="#">4283715415 (0xFF544F57)</a>
YUV	<a href="#">81.4070, 2.7573, 2.2741</a>
Hunter-Lab	<a href="#">28.5743, 1.0472, -1.0837</a>

# Details

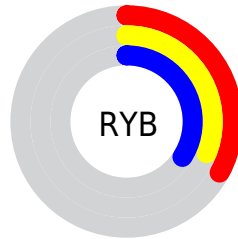
The YUV color **81.4070, 2.7573, 2.2741** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.5930, -2.7573, -2.2741**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8200, 3.0467, 2.7889**, and **36.9940, 2.4680, 1.7593** is the 20% darker color. If you saturate the color by 10%, you get **75.2270, 5.8041, 5.0629**, and if you desaturate by 10%, it is **87.5870, -0.2894, -0.5148**.

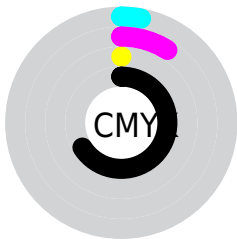
# Distribution



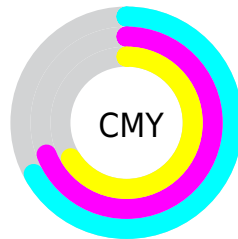
- Red (33%)
- Green (31%)
- Blue (34%)



- Red (33%)
- Yellow (31%)
- Blue (34%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (66%)



- Cyan (67%)
- Magenta (69%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.4070, 2.7573, 2.2741 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 81.4070, 2.7573, 2.2741 by changing the saturation by 10% instead.



■ 81.4070, 2.7573,  
2.2741

■ 81.4070, 2.7573,  
2.2741

255.0000, 0.0000,  
0.0000

■ 58.4070, 2.7573,  
2.2741

■ 130.8200, 3.0467,  
2.7889

■ 36.9940, 2.4680,  
1.7593

■ 156.8200, 3.0467,  
2.7889

■ 15.8200, 3.0467,  
2.7889

■ 183.8200, 3.0467,  
2.7889

■ 0.0000, 0.0000,  
0.0000

■ 210.9340, 3.4835,  
2.6889

■ 239.8200, 3.0467,  
2.7889

81.4070, 2.7573,  
2.2741

81.4070, 2.7573,  
2.2741

75.2270, 5.8041,  
5.0629

87.5870, -0.2894,  
-0.5148

69.3350, 8.7088,  
6.7222

93.4790, -3.1941,  
-2.1741

63.1550, 11.7556,  
9.5111

99.6590, -6.2409,  
-4.9629

56.9750, 14.8023,  
12.2999

105.8390, -9.2876,  
-7.7518

51.3820, 17.5597,  
14.5740

112.0190,  
-12.3344, -10.5407

44.9030, 20.7538,  
16.7481

117.9110,  
-15.2391, -12.1999

38.7230, 23.8006,  
19.5369

124.0910,  
-18.2859, -14.9888

32.5430, 26.8473,

130.2710,

22.3258

-21.3326, -17.7777

■ 26.9500, 29.6046,  
24.5998

■ 135.8640,  
-24.0900, -20.0517

# Harmonies

## Analogous

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



80.7270, 4.0786, -1.5146



81.4070, 2.7573, 2.2741



81.5600, 0.7099, 5.6479

# Triad

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



81.4070, 2.7573, 2.2741



81.1810, -4.5262, 5.1033



79.1130, 1.9163, -7.9921

# Complementary

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



81.4070, 2.7573, 2.2741



84.5930, -2.7573, -2.2741

# 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.



79.4400, -0.7099, -5.6479



81.4070, 2.7573, 2.2741



80.2730, -4.0786, 1.5146

# Square

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



81.4070, 2.7573, 2.2741



81.2460, -3.0793, 7.6773



79.5930, -2.7573, -2.2741



79.5690, 3.6635, -8.3920



# Rectangle

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



81.4070, 2.7573, 2.2741



81.8160, -0.8953, 7.1774



79.5930, -2.7573, -2.2741



79.1840, 0.8953, -7.1774

# Sweetspot

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



81.4070, 2.7573, 2.2741



109.9400, 1.0156, 0.9296



81.6730, 2.6262, -2.3442



54.5270, 0.7262, 0.4148



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



81.4070, 2.7573, 2.2741



103.7600, 4.0623, 3.7185



82.1900, 1.8783, 4.2184



40.3530, 1.3050, 1.4444



32.2310, 36.8611, 30.4924



70.7430, 80.9787, 66.8774



# Inverse Universe

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



81.7340, 0.1311, 4.6183



104.0440, -0.0217, 6.9774



83.8100, -1.8783, -4.2184



40.4240, 0.2840, 2.2592



36.5530, 1.6994, 61.7820



80.2970, 3.7976, 135.6745



# Previews

## White Background



This preview shows how the YUV color 81.4070, 2.7573, 2.2741 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 81.4070, 2.7573, 2.2741 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 81.4070, 2.7573, 2.2741

## Background



This preview shows how black text looks on a background with the YUV color 81.4070, 2.7573, 2.2741.



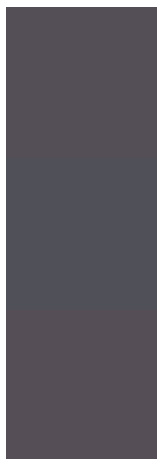
This preview shows how white text looks on a background with the YUV color 81.4070, 2.7573,



# 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

81.4070, 2.7573, 2.2741

### Protanopia

80.9120, 3.4944, -0.7998

### Deuteranopia

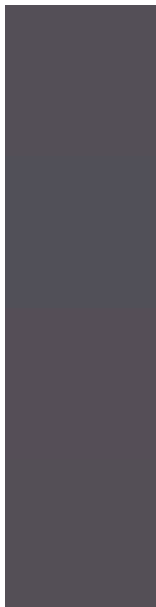
81.4180, 2.7519, 4.0184



## Tritanopia

81.1790, 1.8838, 2.4740

# Trichromacy



## Original Color

81.4070, 2.7573, 2.2741

## Protanomaly

81.2110, 3.3470, -0.1850

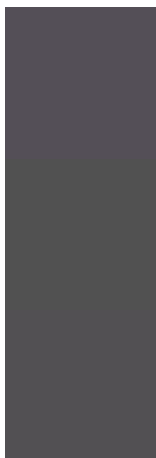
## Deuteranomaly

81.1190, 2.8993, 3.4036

## Tritanomaly

81.2930, 2.3206, 2.3740

# Monochromacy



## Original Color

81.4070, 2.7573, 2.2741

## Achromatopsia

81.0000, 0.0000, 0.0000

## Achromatomaly

80.9400, 1.0156, 0.9296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.4070, 2.7573, 2.2741 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(84, 79, 87)` looks like.

```
.text, #text, p{  
    color:rgb(84, 79, 87)  
}
```

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(84, 79, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 79, 87) }
```

## Border

The CSS property to change the border of an element to YUV 81.4070, 2.7573, 2.2741 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(84, 79, 87) }
```



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

```
.border{ border-color:rgb(84, 79, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 79, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 79, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 79, 87);  
box-shadow:4px 4px 4px 4px rgb(84, 79, 87)  
}
```

# Background

The CSS property to change the background color of an element to YUV 81.4070, 2.7573, 2.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 79, 87) }
```

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

```
.background{ background-color: rgb(84, 79,  
87) }
```

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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