

Converting Colors

YUV(81.8100, -1.8783, -4.2184)

Have a look what the booklet for
YUV(81.8100, -1.8783, -4.2184)
contains.

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Color

**YUV(81.8100, -1.8783,
-4.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	4D554E
RGB	77, 85, 78
RGB Percent	30%, 33%, 31%
CMY	0.6980, 0.6667, 0.6941
CMYK	0.09, 0.00, 0.08, 0.67
HSL	128°, 5%, 32%
HSV	128°, 9%, 33%
XYZ	7.6842, 8.6248, 8.4675
YIQ	81.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

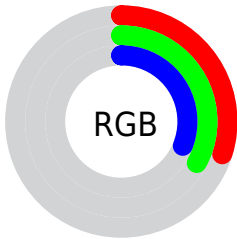
Format	Color
RYB	77, 84, 85
Decimal	5068110
CIELab	35.25, -4.71, 3.00
CIELCh	35, 5.584, 147.541
Yxy	8.6248, 0.3101, 0.3481
Android (android.graphics.Color)	4283258190 (0xFF4D554E)
YUV	81.8100, -1.8783, -4.2184
Hunter-Lab	29.3681, -4.6893, 3.4630

Details

The YUV color **81.8100, -1.8783, -4.2184** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80.1900, 1.8783, 4.2184**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3970, -2.1677, -4.7332**, and **37.2230, -1.5889, -3.7036** is the 20% darker color. If you saturate the color by 10%, you get **78.3210, -3.6093, -9.0515**, and if you desaturate by 10%, it is **85.0000, 0.0000, 0.0000**.

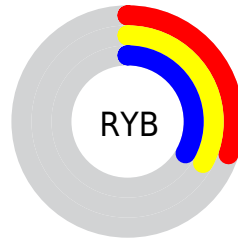
Distribution



 Red (30%)

 Green (33%)

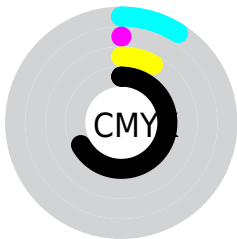
 Blue (31%)



 Red (30%)

 Yellow (33%)

 Blue (33%)

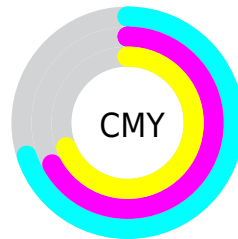


 Cyan (9%)

 Magenta (0%)

 Yellow (8%)

 Black (67%)



 Cyan (70%)

 Magenta (67%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8100, -1.8783, -4.2184 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 81.8100, -1.8783, -4.2184 by changing the saturation by 10% instead.

■ 81.8100, -1.8783,
-4.2184

■ 81.8100, -1.8783,
-4.2184

255.0000, 0.0000,
0.0000

■ 58.8100, -1.8783,
-4.2184

■ 131.3970, -2.1677,
-4.7332

■ 37.2230, -1.5889,
-3.7036

■ 157.3970, -2.1677,
-4.7332

■ 16.0980, -2.0203,
-5.3479

■ 184.3970, -2.1677,
-4.7332

■ 0.0000, 0.0000,
0.0000

■ 211.9840, -2.4571,
-5.2480

■ 239.9840, -2.4571,
-5.2480

■ 81.8100, -1.8783,
-4.2184

■ 81.8100, -1.8783,
-4.2184

■ 78.3210, -3.6093,
-9.0515

■ 85.0000, 0.0000,
0.0000

■ 75.0170, -5.9244,
-13.1699

■ 88.6030, 2.1677,
4.7332

■ 71.5280, -7.6553,
-18.0031

■ 91.7930, 4.0461,
8.9515

■ 68.2240, -9.9704,
-22.1214

■ 95.3960, 6.2138,
13.6847

■ 64.7350, -11.7014,
-26.9546

■ 98.5860, 8.0921,
17.9031

■ 61.4310, -14.0165,
-31.0730

■ 102.1890, 10.2598,
22.6362

■ 58.2410, -15.8948,
-35.2914

■ 105.3790, 12.1382,
26.8546

■ 54.7520, -17.6257,

■ 108.8680, 13.8691,

-40.1245

31.6878

■ 51.4480, -19.9409,
-44.2429

■ 112.1720, 16.1842,
35.8062

Harmonies

Analogous

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



82.3760, -3.6364, -0.3298



81.8100, -1.8783, -4.2184



81.6570, 0.1691, -7.5922

Triad

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



81.8100, -1.8783, -4.2184



82.5310, 4.6682, -3.9737



83.7730, -2.3531, 8.0921

Complementary

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



81.8100, -1.8783, -4.2184



80.1900, 1.8783, 4.2184

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.



83.9300, -0.4585, 7.0774



81.8100, -1.8783, -4.2184



83.3250, 3.7838, -0.2850

Square

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



81.8100, -1.8783, -4.2184



82.2810, 3.8055, -7.2624



83.8910, 2.0257, 3.6036



83.4200, -3.6581, 6.6477

Rectangle

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



81.8100, -1.8783, -4.2184



81.7000, 1.6269, -8.5069



83.8910, 2.0257, 3.6036



83.8870, -1.9163, 7.9921

Sweetspot

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



81.8100, -1.8783, -4.2184



108.4620, -0.7208, -2.1592



83.7890, -3.3470, 0.1850



55.1740, -0.5788, -1.0296



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.



81.8100, -1.8783, -4.2184



105.1580, -3.0359, -6.2776



82.2660, -0.1311, -4.6183



41.4620, -0.7208, -2.1592



64.2910, -25.2865, -56.3832



141.2510, -55.3397, -123.8771

Inverse Universe

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



80.1900, 1.8783, 4.2184



102.7280, 2.5991, 6.3775



79.7340, 0.1311, 4.6183



40.6520, 1.1576, 2.0592



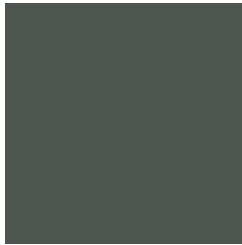
42.7090, 25.2865, 56.3832



93.6350, 54.9029, 123.9771

Previews

White Background



This preview shows how the YUV color 81.8100, -1.8783, -4.2184 looks on a white background.

Color Contrast Check

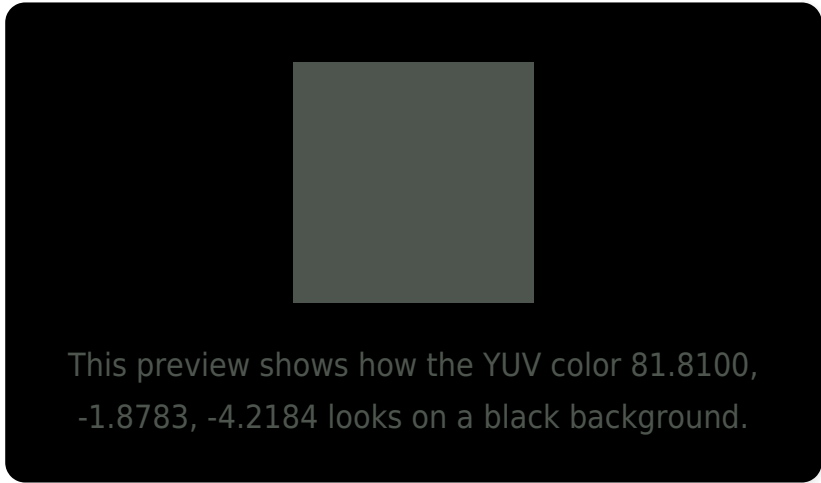
Large Text (above 18pt) WCAG AA ✓ Pass

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

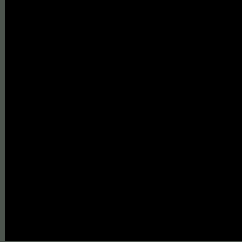
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8100, -1.8783, -4.2184

Background



This preview shows how black text looks on a background with the YUV color 81.8100, -1.8783, -4.2184.



This preview shows how white text looks on a background with the YUV color 81.8100, -1.8783,

-4.2184.

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

81.8100, -1.8783, -4.2184

Protanopia

82.6260, -2.7736, 2.9590

Deuteranopia

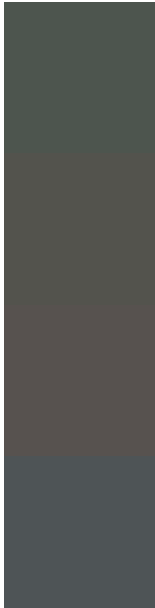
83.4740, -2.2057, 7.4773



Tritanopia

82.6020, 3.6472, -3.1590

Trichromacy



Original Color

81.8100, -1.8783, -4.2184

Protanomaly

82.3160, -2.6208, 0.5999

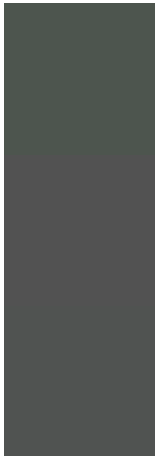
Deuteranomaly

83.1530, -2.0474, 3.3738

Tritanomaly

82.4340, 1.7580, -3.8886

Monochromacy



Original Color

81.8100, -1.8783, -4.2184

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8100, -1.8783, -4.2184 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(77, 85, 78)` looks like.

```
.text, #text, p{  
    color:rgb(77, 85, 78)  
}
```

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(77, 85, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 85, 78) }
```

Border

The CSS property to change the border of an element to YUV 81.8100, -1.8783, -4.2184 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(77, 85, 78) }
```


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

```
.border{ border-color:rgb(77, 85, 78) }
```

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

Here you see how a box with a 4 pixel rgb(77, 85, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 85, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 85, 78);  
box-shadow:4px 4px 4px 4px rgb(77, 85, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.8100, -1.8783, -4.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 85, 78) }
```

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

```
.background{ background-color: rgb(77, 85,  
78) }
```

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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