

Converting Colors

YUV(81.0020, -0.0010, -46.4828)

Have a look what the booklet for
YUV(81.0020, -0.0010, -46.4828)
contains.

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Color

**YUV(81.0020, -0.0010,
-46.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	1C6C51
RGB	28, 108, 81
RGB Percent	11%, 42%, 32%
CMY	0.8902, 0.5765, 0.6824
CMYK	0.74, 0.00, 0.25, 0.58
HSL	160°, 59%, 27%
HSV	160°, 74%, 42%
XYZ	7.3267, 11.5661, 9.6309
YIQ	81.0020, -39.0130, -25.3570

Conversions

Conversions Part 2

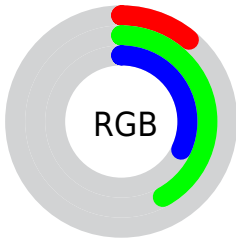
Format	Color
R_{YB}	28, 76, 108
Decimal	1862737
CIE Lab	40.52, -30.82, 8.33
CIE LCh	41, 31.925, 164.868
Yxy	11.5661, 0.2569, 0.4055
Android (android.graphics.Color)	4280052817 (0xFF1C6C51)
YUV	81.0020, -0.0010, -46.4828
Hunter-Lab	34.0089, -21.0608, 7.0161

Details

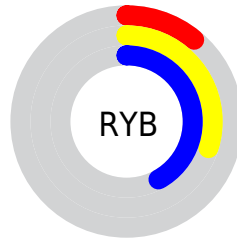
The YUV color **81.0020, -0.0010, -46.4828** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54.9980, 0.0010, 46.4828**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8560, -1.9010, -43.7237**, and **39.3240, -1.6387, -34.4871** is the 20% darker color. If you saturate the color by 10%, you get **77.2570, -0.1267, -52.8454**, and if you desaturate by 10%, it is **84.7470, 0.1247, -40.1201**.

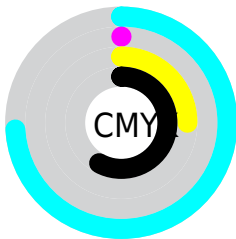
Distribution



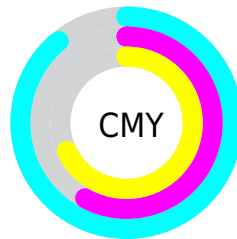
- Red (11%)
- Green (42%)
- Blue (32%)



- Red (11%)
- Yellow (30%)
- Blue (42%)



- Cyan (74%)
- Magenta (0%)
- Yellow (25%)
- Black (58%)



- Cyan (89%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0020, -0.0010, -46.4828 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 81.0020, -0.0010, -46.4828 by changing the saturation by 10% instead.

81.0020, -0.0010,
-46.4828

81.0020, -0.0010,
-46.4828

255.0000, 0.0000,
0.0000

55.3330, 1.3148,
-48.5270

133.8560, -1.9010,
-43.7237

39.3240, -1.6387,
-34.4871

160.7420, -2.3378,
-43.6237

24.1300, -4.0081,
-21.1620

188.3290, -2.6272,
-44.1385

2.3480, -1.1576,
-2.0592

216.9160, -2.9166,
-44.6533

0.0000, 0.0000,
0.0000

234.9370, 2.0031,
-35.9017

245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 81.0020, -0.0010,
-46.4828

■ 81.0020, -0.0010,
-46.4828

■ 77.2570, -0.1267,
-52.8454

■ 84.7470, 0.1247,
-40.1201

■ 73.6260, 0.1844,
-59.3080

■ 88.3780, -0.1864,
-33.6575

■ 71.6040, 0.1952,
-62.7967

■ 91.8240, 0.0868,
-27.9096

■ 95.5690, 0.2125,
-21.5470

■ 99.2000, -0.0986,
-15.0844

■ 102.9450, 0.0271,
-8.7218

■ 106.6900, 0.1528,
-2.3591

■ 110.0220, -0.0108,
3.4887

■ 113.7670, 0.1149,
9.8513

Harmonies

Analogous

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



88.1770, -15.3703, -16.8182



81.0020, -0.0010, -46.4828



76.2950, 15.6306, -66.9107

Triad

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



81.0020, -0.0010, -46.4828



94.5460, 25.3668, -16.2648



95.3610, -17.4330, 38.2714

Complementary

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



81.0020, -0.0010, -46.4828



54.9980, 0.0010, 46.4828

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.



96.2550, -6.5347, 42.7494



81.0020, -0.0010, -46.4828



98.5560, 16.9809, 13.5444

Square

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



81.0020, -0.0010, -46.4828



76.5180, 34.2546, -67.1063



98.1150, 5.8593, 34.1021



93.8510, -24.0835, 24.6867

Rectangle

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



81.0020, -0.0010, -46.4828



77.6460, 23.3455, -68.0955



98.1150, 5.8593, 34.1021



95.2950, -13.9494, 40.9603

Sweetspot

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



81.0020, -0.0010, -46.4828



129.5910, 0.2016, -18.0583



83.3320, -27.2787, -23.9702



64.9340, 0.0325, -10.4661



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



81.0020, -0.0010, -46.4828



97.8370, 0.0804, -72.6480



77.0360, 15.2653, -43.0046



51.9780, 0.0108, -3.4887



77.5710, 0.2115, -68.0298



162.2830, -0.1395, -142.3222

Inverse Universe

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



54.9980, 0.0010, 46.4828



57.2770, 0.3564, 72.5481



58.9640, -15.2653, 43.0046



50.0220, -0.0108, 3.4887



39.5430, 0.2253, 67.9298



82.7170, 0.1395, 142.3222

Previews

White Background



This preview shows how the YUV color 81.0020, -0.0010, -46.4828 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 × Fail

Black Background



This preview shows how the YUV color 81.0020, -0.0010, -46.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 81.0020, -0.0010, -46.4828

Background



This preview shows how black text looks on a background with the YUV color 81.0020, -0.0010, -46.4828.



This preview shows how white text looks on a background with the YUV color 81.0020, -0.0010,

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

81.0020, -0.0010, -46.4828

Protanopia

94.5140, -9.6204, 5.6882

Deuteranopia

95.9860, -5.4161, 10.5363



Tritanopia

86.6730, 12.4862, -38.3012

Trichromacy



Original Color

81.0020, -0.0010, -46.4828

Protanomaly

89.6040, -6.2138, -13.6847

Deuteranomaly

90.7230, -3.3144, -10.2811

Tritanomaly

84.5110, 8.1291, -40.7901

Monochromacy



Original Color

81.0020, -0.0010, -46.4828

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1890, -0.0932, -16.8288

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0020, -0.0010, -46.4828 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(28, 108, 81)` looks like.

```
.text, #text, p{  
    color:rgb(28, 108, 81)  
}
```

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(28, 108, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 108, 81) }
```

Border

The CSS property to change the border of an element to YUV 81.0020, -0.0010, -46.4828 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(28, 108, 81) }
```


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

```
.border{ border-color:rgb(28, 108, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 108, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 108, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 108, 81);  
box-shadow:4px 4px 4px 4px rgb(28, 108,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 81.0020, -0.0010, -46.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 108, 81) }
```

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

```
.background{ background-color: rgb(28, 108,  
81) }
```

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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