

Converting Colors

YUV(81.4500, -15.9978, -2.1486)

Have a look what the booklet for
YUV(81.4500, -15.9978, -2.1486)
contains.

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Color

**YUV(81.4500, -15.9978,
-2.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5931
RGB	79, 89, 49
RGB Percent	31%, 35%, 19%
CMY	0.6902, 0.6510, 0.8078
CMYK	0.11, 0.00, 0.45, 0.65
HSL	75°, 29%, 27%
HSV	75°, 45%, 35%
XYZ	7.3512, 9.0288, 4.2610
YIQ	81.4500, 6.8800, -14.5600

Conversions

Conversions Part 2

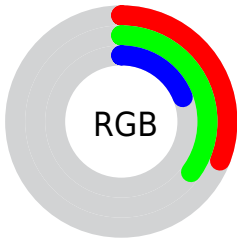
Format	Color
R_{YB}	49, 89, 59
Decimal	5200177
CIE _{Lab}	36.04, -11.28, 21.82
CIE _{LCh}	36, 24.564, 117.330
Yxy	9.0288, 0.3561, 0.4374
Android (android.graphics.Color)	4283390257 (0xFF4F5931)
YUV	81.4500, -15.9978, -2.1486
Hunter-Lab	30.0479, -8.9139, 12.6258

Details

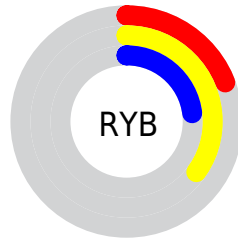
The YUV color **81.4500, -15.9978, -2.1486** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **56.5500, 15.9979, 2.1487**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1080, -17.3082, -1.8487**, and **35.7490, -16.1453, -1.5339** is the 20% darker color. If you saturate the color by 10%, you get **79.8260, -19.6342, -2.4784**, and if you desaturate by 10%, it is **83.0740, -12.3615, -1.8189**.

Distribution



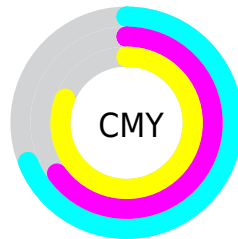
- Red (31%)
- Green (35%)
- Blue (19%)



- Red (19%)
- Yellow (35%)
- Blue (23%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (65%)



- Cyan (69%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4500, -15.9978, -2.1486 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 81.4500, -15.9978, -2.1486 by changing the saturation by 10% instead.

81.4500, -15.9978,
-2.1486

81.4500, -15.9978,
-2.1486

255.0000, 0.0000,
0.0000

58.5640, -15.5611,
-2.2486

131.1080,
-17.3082, -1.8487

35.7490, -16.1453,
-1.5339

156.9940,
-17.7450, -1.7487

15.5830, -7.6824,
-9.2813

183.8800,
-18.1818, -1.6488

0.0000, 0.0000,
0.0000

211.7660,
-18.6186, -1.5488

240.2390,
-19.3448, -1.9636

252.0360,

-11.3567, 2.5994

■ 81.4500, -15.9978,
-2.1486

■ 81.4500, -15.9978,
-2.1486

■ 79.8260, -19.6342,
-2.4784

■ 83.0740, -12.3615,
-1.8189

■ 78.2020, -23.2706,
-2.8082

■ 84.6980, -8.7251,
-1.4891

■ 76.2790, -26.7595,
-3.7527

■ 86.6210, -5.2362,
-0.5446

■ 74.6550, -30.3959,
-4.0824

■ 88.2450, -1.5998,
-0.2149

■ 73.1450, -33.5955,
-4.5122

■ 89.8690, 2.0366,
0.1149

■ 72.2760, -35.6321,
-4.6271

■ 91.3790, 5.2362,
0.5446

■ 93.3020, 8.7251,
1.4891

■ 94.9260, 12.3615,
1.8189

■ 96.5500, 15.9979,
2.1487

Harmonies

Analogous

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



83.4520, -18.9568, 13.6356



81.4500, -15.9978, -2.1486



78.5170, -7.6499, -19.7474

Triad

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



81.4500, -15.9978, -2.1486



68.8370, 23.7444, -55.9850



86.6000, 0.1972, 30.1688

Complementary

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



81.4500, -15.9978, -2.1486



56.5500, 15.9979, 2.1487

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.



87.2270, 9.2551, 18.2179



81.4500, -15.9978, -2.1486



80.7530, 21.3208, -25.2164

Square

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



81.4500, -15.9978, -2.1486



67.3930, 17.0613, -59.1037



85.7560, 16.8823, -1.5400



85.9070, -8.8282, 31.6536

Rectangle

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



81.4500, -15.9978, -2.1486



75.3780, -0.1864, -33.6575



85.7560, 16.8823, -1.5400



87.0880, 3.4076, 27.1098

Sweetspot

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



81.4500, -15.9978, -2.1486



112.0940, -5.9623, -0.9594



66.8300, -8.7902, 19.4431



56.9630, -3.9258, -0.8446



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.



81.4500, -15.9978, -2.1486



103.1480, -24.7230, -3.6378



75.4700, -13.0497, -14.4442



42.2450, -1.5998, -0.2149



86.7290, -42.7574, -5.9013



190.5690, -93.9505, -12.7770

Inverse Universe

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



56.5500, 15.9979, 2.1487



64.5530, 24.8704, 3.0230



62.5300, 13.0497, 14.4442



39.7550, 1.5998, 0.2149



20.2710, 42.7574, 5.9013



44.4310, 93.9505, 12.7770

Previews

White Background



This preview shows how the YUV color 81.4500, -15.9978, -2.1486 looks on a white background.

Color Contrast Check

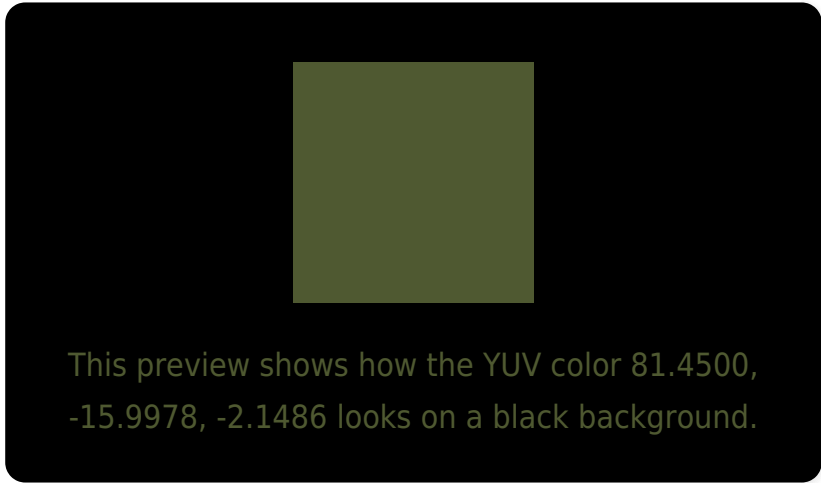
Large Text (above 18pt) WCAG AA ✓ Pass

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

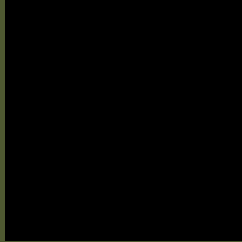
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

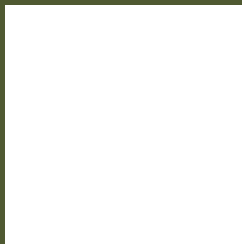
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 81.4500, -15.9978, -2.1486

Background



This preview shows how black text looks on a background with the YUV color 81.4500, -15.9978, -2.1486.



This preview shows how white text looks on a background with the YUV color 81.4500, -15.9978,

-2.1486.

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

81.4500, -15.9978, -2.1486

Protanopia

83.0600, -17.7776, 8.7174

Deuteranopia

84.1580, -16.3469, 16.5244



Tritanopia

84.7980, 3.0576, -0.6998

Trichromacy



Original Color

81.4500, -15.9978, -2.1486

Protanomaly

82.2660, -16.8931, 5.0287

Deuteranomaly

83.1140, -16.3252, 9.5470

Tritanomaly

83.6640, -3.7784, -1.4593

Monochromacy



Original Color

81.4500, -15.9978, -2.1486

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4500, -15.9978, -2.1486 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(79, 89, 49)` looks like.

```
.text, #text, p{  
    color:rgb(79, 89, 49)  
}
```

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(79, 89, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 89, 49) }
```

Border

The CSS property to change the border of an element to YUV 81.4500, -15.9978, -2.1486 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(79, 89, 49) }
```


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

```
.border{ border-color:rgb(79, 89, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 89, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 89, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 89, 49);  
box-shadow:4px 4px 4px 4px rgb(79, 89, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.4500, -15.9978, -2.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 89, 49) }
```

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

```
.background{ background-color: rgb(79, 89,  
49) }
```

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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