

Converting Colors

YUV(81.4500, -29.8019,
-54.7687)

Have a look what the booklet for
YUV(81.4500, -29.8019, -54.7687)
contains.

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Color

**YUV(81.4500, -29.8019,
-54.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	137D15
RGB	19, 125, 21
RGB Percent	7%, 49%, 8%
CMY	0.9255, 0.5098, 0.9176
CMYK	0.85, 0.00, 0.83, 0.51
HSL	121°, 74%, 28%
HSV	121°, 85%, 49%
XYZ	7.7375, 14.8598, 3.1699
YIQ	81.4500, -29.7920, -54.8160

Conversions

Conversions Part 2

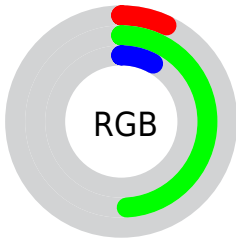
Format	Color
R_{YB}	19, 123, 125
Decimal	1277205
CIE Lab	45.44, -48.13, 44.41
CIE LCh	45, 65.491, 137.306
Yxy	14.8598, 0.3003, 0.5767
Android (android.graphics.Color)	4279467285 (0xFF137D15)
YUV	81.4500, -29.8019, -54.7687
Hunter-Lab	38.5484, -31.6308, 22.1084

Details

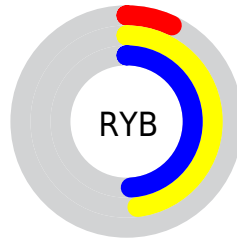
The YUV color **81.4500, -29.8019, -54.7687** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **62.5500, 29.8019, 54.7687**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2230, -32.1549, -46.6766**, and **43.4380, -21.4149, -38.0951** is the 20% darker color. If you saturate the color by 10%, you get **76.4940, -33.2745, -60.9462**, and if you desaturate by 10%, it is **86.4060, -26.3292, -48.5911**.

Distribution



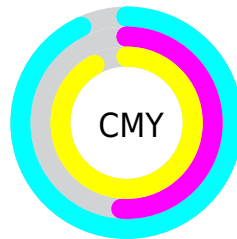
- Red (7%)
- Green (49%)
- Blue (8%)



- Red (7%)
- Yellow (48%)
- Blue (49%)



- Cyan (85%)
- Magenta (0%)
- Yellow (83%)
- Black (51%)



- Cyan (93%)
- Magenta (51%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4500, -29.8019, -54.7687 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, -29.8019, -54.7687 by changing the saturation by 10% instead.

■ 81.4500, -29.8019,
-54.7687

■ 81.4500, -29.8019,
-54.7687

255.0000, 0.0000,
0.0000

■ 58.1130, -28.6497,
-50.9651

■ 139.2230,
-32.1549, -46.6766

■ 43.4380, -21.4149,
-38.0951

■ 166.9950,
-33.0285, -46.4766

■ 29.9370, -14.7589,
-26.2547

■ 195.0660,
-34.0495, -45.6619

■ 16.4360, -8.1029,
-14.4144

■ 218.2560,
-32.1712, -41.4435

■ 0.0000, 0.0000,
0.0000

■ 230.0050,
-24.6525, -26.3144

■ 241.8680,

-16.6969, -11.2852

■ 252.9480, -7.8624,
1.7996

■ 81.4500, -29.8019,
-54.7687

■ 81.4500, -29.8019,
-54.7687

■ 76.4940, -33.2745,
-60.9462

■ 86.4060, -26.3292,
-48.5911

■ 73.6030, -35.3003,
-64.5498

■ 91.7750, -22.5671,
-41.8987

■ 97.0300, -19.2418,
-35.1063

■ 101.9860,
-15.7691, -28.9287

■ 107.2410,
-12.4438, -22.1364

■ 112.3110, -8.5343,
-16.0587

■ 117.5660, -5.2090,
-9.2664

■ 122.5220, -1.7363,
-3.0888

■ 127.7770, 1.5889,
3.7036

Harmonies

Analogous

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



97.7040, -48.1681, 2.8906



81.4500, -29.8019, -54.7687



85.6580, -1.8034, -75.1221

Triad

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



81.4500, -29.8019, -54.7687



95.5370, 58.8953, -83.7859



94.6450, -7.7130, 94.1503

Complementary

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



81.4500, -29.8019, -54.7687



62.5500, 29.8019, 54.7687

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.



99.5720, 16.4800, 81.0594



81.4500, -29.8019, -54.7687



94.0120, 58.6611, -55.2615

Square

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



81.4500, -29.8019, -54.7687



97.1550, 44.7866, -85.2049



109.7260, 36.1241, 33.5663



99.2550, -36.6077, 75.1984

Rectangle

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



81.4500, -29.8019, -54.7687



90.5770, 14.5055, -79.4360



109.7260, 36.1241, 33.5663



93.7620, 1.5963, 94.9247

Sweetspot

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



81.4500, -29.8019, -54.7687



146.1810, -11.4282, -21.2067



112.3180, -46.0058, 9.3681



71.7890, -6.7980, -12.9700



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



81.4500, -29.8019, -54.7687



96.0230, -45.8603, -84.2122



87.4920, -6.6516, -60.0675



61.1090, -2.0257, -3.6036



75.3640, -36.1685, -66.0942



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.5500, 29.8019, 54.7687



66.9770, 45.8603, 84.2122



56.5080, 6.6516, 60.0675



59.8910, 2.0257, 3.6036



52.5220, 35.7317, 66.1942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 81.4500, -29.8019, -54.7687 looks on a white background.

Color Contrast Check

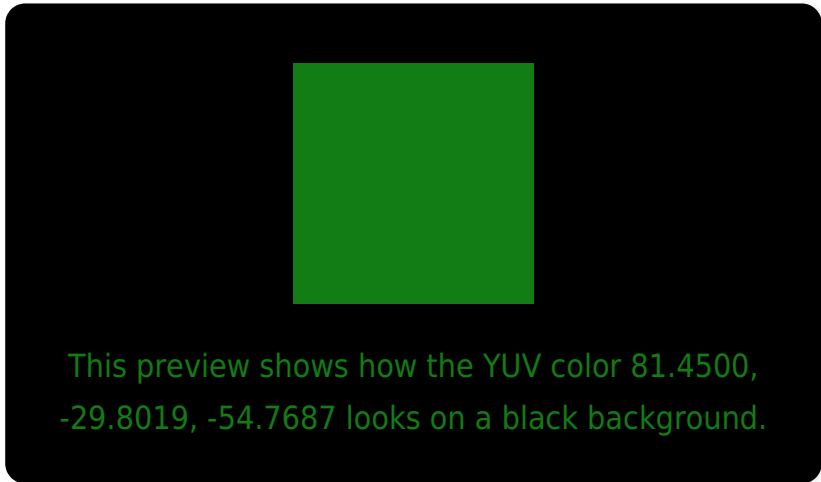
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 81.4500, -29.8019, -54.7687

Background



This preview shows how black text looks on a background with the YUV color 81.4500, -29.8019, -54.7687.



This preview shows how white text looks on a background with the YUV color 81.4500, -29.8019, -54.7687.

-54.7687.

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, -29.8019, -54.7687

Protanopia

100.8120, -41.8123, 17.7049

Deuteranopia

103.7020, -34.8561, 26.5713



Tritanopia

98.9010, 13.3598, -38.5012

Trichromacy



Original Color

81.4500, -29.8019, -54.7687

Protanomaly

94.0860, -37.5104, -8.8454

Deuteranomaly

95.3840, -32.7273, -2.9678

Tritanomaly

92.4430, -2.1904, -44.2385

Monochromacy



Original Color

81.4500, -29.8019, -54.7687

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0070, -10.8495, -20.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4500, -29.8019, -54.7687 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(19, 125, 21)` looks like.

```
.text, #text, p{  
    color:rgb(19, 125, 21)  
}
```

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(19, 125, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 125, 21) }
```

Border

The CSS property to change the border of an element to YUV 81.4500, -29.8019, -54.7687 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(19, 125, 21) }
```


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

```
.border{ border-color:rgb(19, 125, 21) }
```

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

Here you see how a box with a 4 pixel rgb(19, 125, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 125, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 125, 21);  
box-shadow:4px 4px 4px 4px rgb(19, 125,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 81.4500, -29.8019, -54.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 125, 21) }
```

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

```
.background{ background-color: rgb(19, 125,  
21) }
```

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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