

Converting Colors

YUV(125.4830, 0.2549,
-81.9846)

Have a look what the booklet for
YUV(125.4830, 0.2549, -81.9846)
contains.

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Color

**YUV(125.4830, 0.2549,
-81.9846)**

Conversions

Conversions Part 1

Format	Color
Hex	20AD7E
RGB	32, 173, 126
RGB Percent	13%, 68%, 49%
CMY	0.8745, 0.3216, 0.5059
CMYK	0.82, 0.00, 0.27, 0.32
HSL	160°, 69%, 40%
HSV	160°, 82%, 68%
XYZ	19.3051, 31.7006, 24.8400
YIQ	125.4830, -68.9490, -44.5090

Conversions

Conversions Part 2

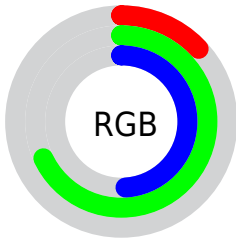
Format	Color
RYB	32, 117, 173
Decimal	2141566
CIELab	63.09, -47.01, 14.16
CIELCh	63, 49.102, 163.235
Yxy	31.7006, 0.2545, 0.4180
Android (android.graphics.Color)	4280331646 (0xFF20AD7E)
YUV	125.4830, 0.2549, -81.9846
Hunter-Lab	56.3033, -37.3271, 13.2546

Details

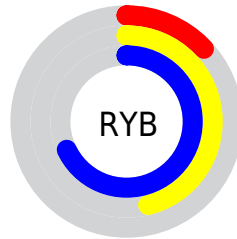
The YUV color **125.4830, 0.2549, -81.9846** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **79.5170, -0.2549, 81.9846**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3270, -3.1192, -73.0778**, and **78.6310, -0.8041, -68.9594** is the 20% darker color. If you saturate the color by 10%, you get **119.7160, 0.1400, -91.8359**, and if you desaturate by 10%, it is **131.2500, 0.3698, -72.1332**.

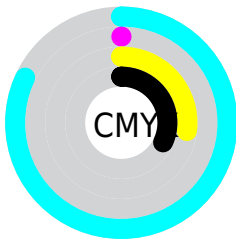
Distribution



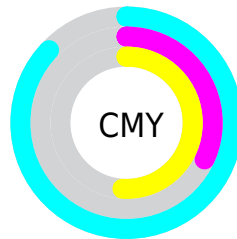
- Red (13%)
- Green (68%)
- Blue (49%)



- Red (13%)
- Yellow (46%)
- Blue (68%)



- Cyan (82%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)



- Cyan (87%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.4830, 0.2549, -81.9846 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 125.4830, 0.2549, -81.9846 by changing the saturation by 10% instead.

■ 125.4830, 0.2549,
-81.9846

■ 125.4830, 0.2549,
-81.9846

■ 255.0000, 0.0000,
0.0000

■ 97.2160, 1.8655,
-85.2584

■ 185.3270, -3.1192,
-73.0778

■ 78.6310, -0.8041,
-68.9594

■ 212.6370, -3.2720,
-70.7186

■ 61.3340, -3.6157,
-53.7899

■ 224.9130, 4.9729,
-55.1747

■ 44.1510, -5.9904,
-38.7204

■ 236.1630, 9.2866,
-38.7310

■ 28.1420, -8.9440,
-24.6805

■ 244.8340, 5.0118,
-20.9024

■ 11.1530, -5.4984,
-9.7812

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 125.4830, 0.2549,
-81.9846

■ 125.4830, 0.2549,
-81.9846

■ 119.7160, 0.1400,
-91.8359

■ 131.2500, 0.3698,
-72.1332

■ 114.6610, 0.1671,
-100.5577

■ 137.3160, 0.3372,
-61.6671

■ 142.9690, 0.0153,
-51.7158

■ 148.7360, 0.1302,
-41.8645

■ 154.5030, 0.2450,
-32.0131

■ 160.5690, 0.2125,
-21.5470

■ 166.2220, -0.1094,
-11.5957

■ 171.9890, 0.0054,
-1.7444

■ 178.0550, -0.0271,
8.7218

Harmonies

Analogous

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



141.0220, -27.1258, -26.3293



125.4830, 0.2549, -81.9846



122.2190, 24.0490, -107.1861

Triad

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



125.4830, 0.2549, -81.9846



149.5560, 43.6029, -32.0596



152.0670, -28.1340, 63.9622

Complementary

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



125.4830, 0.2549, -81.9846



79.5170, -0.2549, 81.9846

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.



153.1600, -8.9529, 71.7737



125.4830, 0.2549, -81.9846



156.9280, 29.6155, 21.1111

Square

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



125.4830, 0.2549, -81.9846



123.1720, 55.6242, -108.0218



156.3380, 11.1724, 56.7086



150.1940, -41.0146, 41.9259

Rectangle

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



125.4830, 0.2549, -81.9846



124.8240, 36.5688, -109.4706



156.3380, 11.1724, 56.7086



152.2940, -22.3299, 69.0252

Sweetspot

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



125.4830, 0.2549, -81.9846



206.1010, -0.0498, -30.7836



128.8200, -47.7323, -43.6921



101.1780, -0.0878, -18.5731



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



125.4830, 0.2549, -81.9846



149.8980, 0.5433, -127.9525



116.7530, 27.7298, -74.3284



83.9670, 0.0163, -5.2331



99.4500, 0.2711, -87.2177



15.2110, -0.1040, -13.3400

Inverse Universe

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



79.5170, -0.2549, 81.9846



78.2160, -0.1065, 127.8526



88.2470, -27.7298, 74.3284



81.0330, -0.0163, 5.2331



50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 125.4830, 0.2549, -81.9846 looks on a white 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

Black Background



This preview shows how the YUV color 125.4830, 0.2549, -81.9846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

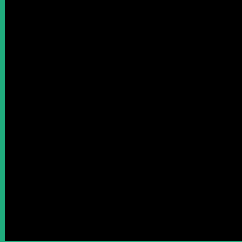
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 125.4830, 0.2549, -81.9846

Background



This preview shows how black text looks on a background with the YUV color 125.4830, 0.2549, -81.9846.



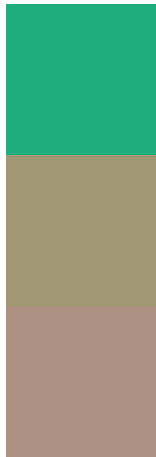
This preview shows how white text looks on a background with the YUV color 125.4830, 0.2549, -81.9846.

-81.9846.

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

125.4830, 0.2549, -81.9846

Protanopia

150.2990, -16.9094, 10.2618

Deuteranopia

152.4770, -10.0952, 17.9987



Tritanopia

137.0980, 21.1507, -64.1069

Trichromacy



Original Color

125.4830, 0.2549, -81.9846



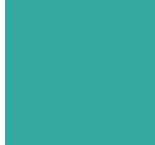
Protanomaly

141.3980, -10.5492, -23.1510



Deuteranomaly

142.8700, -6.3449, -18.3030



Tritanomaly

132.9910, 13.3154, -71.0291

Monochromacy



Original Color

125.4830, 0.2549, -81.9846



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.8130, 0.0922, -29.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.4830, 0.2549, -81.9846 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(32, 173, 126)` looks like.

```
.text, #text, p{  
    color:rgb(32, 173, 126)  
}
```

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(32, 173, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 173, 126) }
```

Border

The CSS property to change the border of an element to YUV 125.4830, 0.2549, -81.9846 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(32, 173, 126) }
```


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

```
.border{ border-color:rgb(32, 173, 126) }
```

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

Here you see how a box with a 4 pixel rgb(32, 173, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 173, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 173, 126);  
box-shadow:4px 4px 4px 4px rgb(32, 173,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 125.4830, 0.2549, -81.9846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 173, 126) }
```

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

```
.background{ background-color: rgb(32, 173,  
126) }
```

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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