

Converting Colors

YUV(81.4310, 19.5075,
-50.3670)

Have a look what the booklet for
YUV(81.4310, 19.5075, -50.3670)
contains.

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Color

**YUV(81.4310, 19.5075,
-50.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	186779
RGB	24, 103, 121
RGB Percent	9%, 40%, 47%
CMY	0.9059, 0.5961, 0.5255
CMYK	0.80, 0.15, 0.00, 0.53
HSL	191°, 67%, 28%
HSV	191°, 80%, 47%
XYZ	8.6781, 11.2752, 19.8081
YIQ	81.4310, -52.8620, -11.1500

Conversions

Conversions Part 2

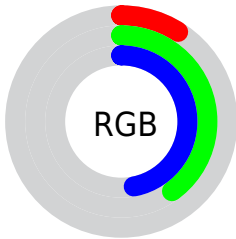
Format	Color
R_{YB}	24, 68, 121
Decimal	1599353
CIE _{Lab}	40.04, -16.41, -16.70
CIE _{LCh}	40, 23.413, 225.516
Yxy	11.2752, 0.2183, 0.2836
Android (android.graphics.Color)	4279789433 (0xFF186779)
YUV	81.4310, 19.5075, -50.3670
Hunter-Lab	33.5785, -12.6303, -11.4705

Details

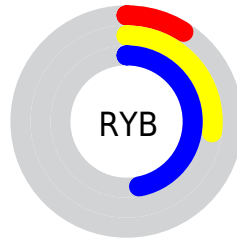
The YUV color **81.4310, 19.5075, -50.3670** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **63.5690, -19.5075, 50.3670**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5350, 18.4702, -44.3192**, and **41.0800, 15.2436, -36.0272** is the 20% darker color. If you saturate the color by 10%, you get **76.6690, 21.8552, -56.7147**, and if you desaturate by 10%, it is **86.1930, 17.1599, -44.0193**.

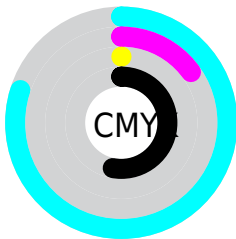
Distribution



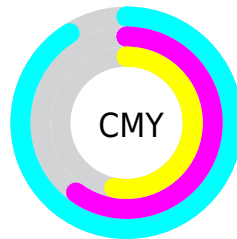
- Red (9%)
- Green (40%)
- Blue (47%)



- Red (9%)
- Yellow (27%)
- Blue (47%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (53%)



- Cyan (91%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4310, 19.5075, -50.3670 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 81.4310, 19.5075, -50.3670 by changing the saturation by 10% instead.

81.4310, 19.5075,
-50.3670

81.4310, 19.5075,
-50.3670

255.0000, 0.0000,
0.0000

57.3170, 19.0707,
-50.2670

135.5350, 18.4702,
-44.3192

41.0800, 15.2436,
-36.0272

162.9480, 18.7596,
-43.8044

25.6580, 12.0006,
-22.5021

190.9480, 18.7596,
-43.8044

4.4800, 12.0884,
-3.9290

218.7200, 17.8860,
-43.6044

0.0000, 0.0000,
0.0000

237.6580, 8.5496,
-35.6571

246.3290, 4.2748,

-17.8285

■ 81.4310, 19.5075,
-50.3670

■ 81.4310, 19.5075,
-50.3670

■ 76.6690, 21.8552,
-56.7147

■ 86.1930, 17.1599,
-44.0193

■ 71.9070, 24.2028,
-63.0624

■ 90.9550, 14.8122,
-37.6715

■ 96.3040, 12.1751,
-31.8386

■ 101.0660, 9.8275,
-25.4909

■ 105.8280, 7.4798,
-19.1432

■ 110.8890, 4.9847,
-12.1807

■ 116.2380, 2.3477,
-6.3477

■ 121.0000, 0.0000,
0.0000

■ 125.7620, -2.3477,
6.3477

Harmonies

Analogous

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



81.8630, 10.9135, -47.2379



81.4310, 19.5075, -50.3670



88.5950, 20.9057, -32.0938

Triad

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



81.4310, 19.5075, -50.3670



97.0770, 3.4130, 25.3655



91.8530, -17.1825, 4.5139

Complementary

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



81.4310, 19.5075, -50.3670



63.5690, -19.5075, 50.3670

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.



93.7130, -18.0995, 18.6687



81.4310, 19.5075, -50.3670



96.1180, -5.4812, 31.4685

Square

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



81.4310, 19.5075, -50.3670



96.8670, 11.8976, 10.6406



95.3320, -13.4747, 28.6498



89.6490, -11.1660, -11.9702

Rectangle

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



81.4310, 19.5075, -50.3670



92.6400, 19.4045, -17.2243



95.3320, -13.4747, 28.6498



92.6580, -18.0724, 9.9469

Sweetspot

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



81.4310, 19.5075, -50.3670



142.5290, 7.6272, -19.7579



82.9910, -20.2086, -51.7351



69.7750, 4.5479, -12.0807



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



81.4310, 19.5075, -50.3670



96.1160, 30.5088, -79.0317



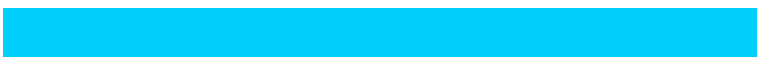
53.2550, 33.3983, -25.6566



58.6190, 1.1738, -3.1739



74.1240, 25.0819, -65.0067



149.6500, 50.4585, -131.2431

Inverse Universe

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



62.0090, 20.2086, 51.7351



65.5840, 31.7571, 81.0488



91.7450, -33.3983, 25.6566



57.3640, 1.2995, 3.1888



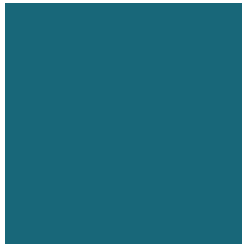
49.0030, 26.1275, 66.6494



98.8320, 52.8338, 134.3283

Previews

White Background



This preview shows how the YUV color 81.4310, 19.5075, -50.3670 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 81.4310, 19.5075, -50.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

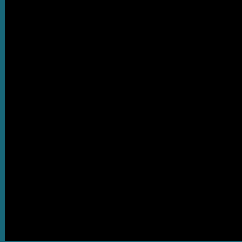
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4310, 19.5075, -50.3670

Background



This preview shows how black text looks on a background with the YUV color 81.4310, 19.5075, -50.3670.



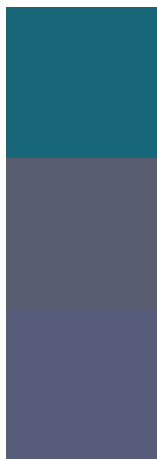
This preview shows how white text looks on a background with the YUV color 81.4310, 19.5075,

-50.3670.

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

81.4310, 19.5075, -50.3670

Protanopia

94.1980, 9.7624, -4.5586

Deuteranopia

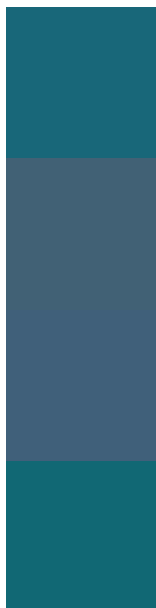
94.0390, 14.2778, -6.1732



Tritanopia

77.8170, 17.3452, -56.8445

Trichromacy



Original Color

81.4310, 19.5075, -50.3670

Protanomaly

89.7120, 13.4530, -21.6724

Deuteranomaly

89.3960, 16.0738, -22.2723

Tritanomaly

79.3550, 18.0660, -54.6853

Monochromacy



Original Color

81.4310, 19.5075, -50.3670

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4310, 19.5075, -50.3670 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(24, 103, 121)` looks like.

```
.text, #text, p{  
    color:rgb(24, 103, 121)  
}
```

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(24, 103, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 103, 121) }
```

Border

The CSS property to change the border of an element to YUV 81.4310, 19.5075, -50.3670 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(24, 103, 121) }
```


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

```
.border{ border-color:rgb(24, 103, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 103, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 103, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 103, 121);  
box-shadow:4px 4px 4px 4px rgb(24, 103,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 81.4310, 19.5075, -50.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 103, 121) }
```

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

```
.background{ background-color: rgb(24, 103,  
121) }
```

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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