

Converting Colors

YUV(81.9000, 14.8393,
-46.3933)

Have a look what the booklet for
YUV(81.9000, 14.8393, -46.3933)
contains.

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Color

**YUV(81.9000, 14.8393,
-46.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	1D6770
RGB	29, 103, 112
RGB Percent	11%, 40%, 44%
CMY	0.8863, 0.5961, 0.5608
CMYK	0.74, 0.08, 0.00, 0.56
HSL	187°, 59%, 28%
HSV	187°, 74%, 44%
XYZ	8.2816, 11.1316, 17.0414
YIQ	81.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

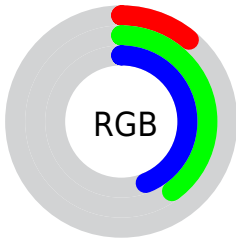
Format	Color
R_{YB}	29, 68, 112
Decimal	1927024
CIE _{Lab}	39.80, -18.86, -11.57
CIE _{LCh}	40, 22.126, 211.536
Yxy	11.1316, 0.2272, 0.3054
Android (android.graphics.Color)	4280117104 (0xFF1D6770)
YUV	81.9000, 14.8393, -46.3933
Hunter-Lab	33.3640, -14.0799, -6.9288




Details

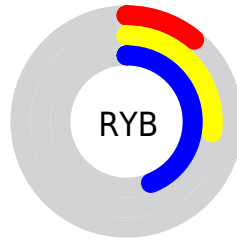
The YUV color **81.9000, 14.8393, -46.3933** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.1000, -14.8393, 46.3933**, and the grayscale version is **82.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **135.1070, 14.2442, -42.1898**, and **40.1680, 11.7492, -35.2273** is the 20% darker color. If you saturate the color by 10%, you get **78.0240, 16.7502, -52.6410**, and if you desaturate by 10%, it is **85.7760, 12.9284, -40.1456**.

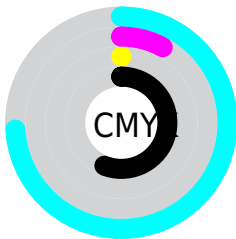
Distribution







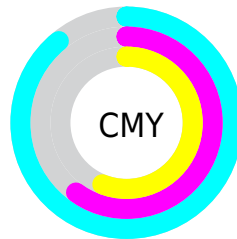
-  Red (11%)
-  Green (40%)
-  Blue (44%)






-  Red (11%)
-  Yellow (27%)
-  Blue (44%)



-  Cyan (74%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (89%)
-  Magenta (60%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.9000, 14.8393, -46.3933 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 81.9000, 14.8393, -46.3933 by changing the saturation by 10% instead.

81.9000, 14.8393,
-46.3933

81.9000, 14.8393,
-46.3933

255.0000, 0.0000,
0.0000

56.4050, 15.5763,
-49.4672

135.1070, 14.2442,
-42.1898

40.1680, 11.7492,
-35.2273

162.1070, 14.2442,
-42.1898

24.7460, 8.5062,
-21.7022

189.8080, 14.3917,
-42.8046

3.2090, 9.7570,
-2.8143

217.8080, 14.3917,
-42.8046

0.0000, 0.0000,
0.0000

237.6580, 8.5496,
-35.6571

246.3290, 4.2748,

-17.8285

■ 81.9000, 14.8393,
-46.3933

■ 81.9000, 14.8393,
-46.3933

■ 78.0240, 16.7502,
-52.6410

■ 85.7760, 12.9284,
-40.1456

■ 74.1480, 18.6610,
-58.8888

■ 89.6520, 11.0176,
-33.8978

■ 71.4680, 19.9823,
-62.6774

■ 94.4140, 8.6699,
-27.5501

■ 98.2900, 6.7590,
-21.3023

■ 102.1660, 4.8482,
-15.0546

■ 106.0420, 2.9373,
-8.8068

■ 110.5050, 0.7370,
-3.0739

■ 114.6800, -1.3212,
3.7886

■ 118.5560, -3.2321,
10.0364

Harmonies

Analogous

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



84.6210, 4.6238, -36.5016



81.9000, 14.8393, -46.3933



85.5080, 19.4696, -38.1565

Triad

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



81.9000, 14.8393, -46.3933



96.3580, 7.2185, 18.1030



92.5980, -17.0568, 10.8766

Complementary

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



81.9000, 14.8393, -46.3933



59.1000, -14.8393, 46.3933

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.



94.1310, -15.3476, 22.6871



81.9000, 14.8393, -46.3933



95.9480, -0.9604, 28.1096

Square

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



81.9000, 14.8393, -46.3933



95.3820, 14.1087, 1.4190



95.3690, -9.5489, 29.4944



90.4220, -13.5190, -3.8781

Rectangle

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



81.9000, 14.8393, -46.3933



89.8840, 19.2842, -25.3313



95.3690, -9.5489, 29.4944



93.2180, -17.3625, 15.5948

Sweetspot

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



81.9000, 14.8393, -46.3933



133.6710, 5.5852, -18.1285



78.6330, -20.5251, -43.5281



67.1450, 3.3795, -10.6512



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



81.9000, 14.8393, -46.3933



98.2110, 23.0670, -72.0990



57.8330, 26.7043, -25.2865



53.6190, 1.1738, -3.1739



76.4890, 21.4509, -67.0809



157.8850, 43.9337, -138.4651

Inverse Universe

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



62.2530, 20.0883, 43.6281



67.6810, 31.2163, 67.8088



83.1670, -26.7043, 25.2865



52.3640, 1.2995, 3.1888



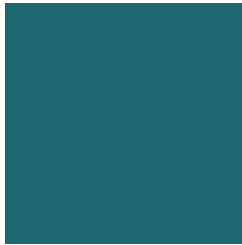
48.0780, 29.0485, 63.0756



99.0470, 60.1228, 129.7548

Previews

White Background



This preview shows how the YUV color 81.9000, 14.8393, -46.3933 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 81.9000, 14.8393, -46.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

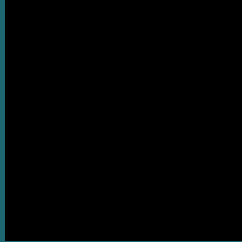
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.9000, 14.8393, -46.3933

Background



This preview shows how black text looks on a background with the YUV color 81.9000, 14.8393, -46.3933.



This preview shows how white text looks on a background with the YUV color 81.9000, 14.8393, -46.3933.

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

81.9000, 14.8393, -46.3933

Protanopia

94.0690, 5.3890, -1.8145

Deuteranopia

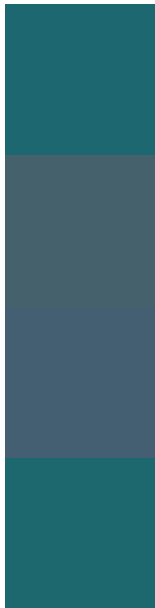
94.0350, 10.3357, -1.7847



Tritanopia

81.7860, 14.4025, -46.2933

Trichromacy



Original Color

81.9000, 14.8393, -46.3933

Protanomaly

89.8820, 8.9322, -18.3135

Deuteranomaly

89.3920, 12.1317, -17.8838

Tritanomaly

81.7860, 14.4025, -46.2933

Monochromacy



Original Color

81.9000, 14.8393, -46.3933

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2690, 5.2904, -16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9000, 14.8393, -46.3933 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(29, 103, 112)` looks like.

```
.text, #text, p{  
    color:rgb(29, 103, 112)  
}
```

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(29, 103, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 103, 112) }
```

Border

The CSS property to change the border of an element to YUV 81.9000, 14.8393, -46.3933 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(29, 103, 112) }
```


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

```
.border{ border-color:rgb(29, 103, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 103, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 103, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 103, 112);  
box-shadow:4px 4px 4px 4px rgb(29, 103,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 81.9000, 14.8393, -46.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 103, 112) }
```

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

```
.background{ background-color: rgb(29, 103,  
112) }
```

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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