

Converting Colors

YUV(81.4640, 12.5892,
-71.4439)

Have a look what the booklet for
YUV(81.4640, 12.5892, -71.4439)
contains.

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Color

**YUV(81.4640, 12.5892,
-71.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	00766B
RGB	0, 118, 107
RGB Percent	0%, 46%, 42%
CMY	1.0000, 0.5373, 0.5804
CMYK	1.00, 0.00, 0.09, 0.54
HSL	174°, 100%, 23%
HSV	174°, 100%, 46%
XYZ	9.1323, 14.0184, 16.1344
YIQ	81.4640, -66.7970, -28.4370

Conversions

Conversions Part 2

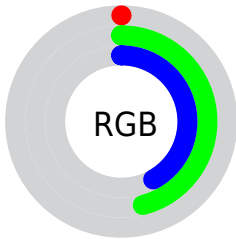
Format	Color
RYB	0, 62, 118
Decimal	30315
CIELab	44.26, -30.73, -1.94
CIELCh	44, 30.792, 183.611
Yxy	14.0184, 0.2325, 0.3568
Android (android.graphics.Color)	4278220395 (0xFF00766B)
YUV	81.4640, 12.5892, -71.4439
Hunter-Lab	37.4412, -21.9841, 0.6591

Details

The YUV color **81.4640, 12.5892, -71.4439** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **36.5360, -12.5892, 71.4439**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4120, 8.1779, -56.4893**, and **47.3430, 6.2399, -41.5198** is the 20% darker color. If you saturate the color by 10%, you get **81.4640, 12.5892, -71.4439**, and if you desaturate by 10%, it is **85.1660, 11.2572, -64.1666**.

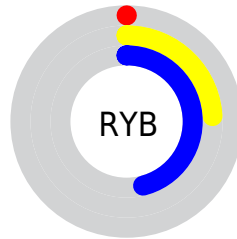
Distribution



Red (0%)

Green (46%)

Blue (42%)



Red (0%)

Yellow (24%)

Blue (46%)

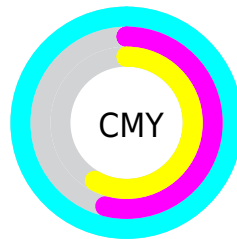


Cyan (100%)

Magenta (0%)

Yellow (9%)

Black (54%)



Cyan (100%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4640, 12.5892, -71.4439 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 81.4640, 12.5892, -71.4439 by changing the saturation by 10% instead.

81.4640, 12.5892,
-71.4439

81.4640, 12.5892,
-71.4439

255.0000, 0.0000,
0.0000

64.0530, 9.3409,
-56.1745

141.4120, 8.1779,
-56.4893

47.3430, 6.2399,
-41.5198

169.0100, 7.8831,
-55.2598

31.3340, 3.2863,
-27.4799

197.5970, 7.5937,
-55.7746

16.1400, 0.9170,
-14.1548

225.5970, 7.5937,
-55.7746

0.0000, 0.0000,
0.0000

235.8640, 9.4340,
-39.3457

244.5350, 5.1592,

-21.5172

253.5050, 0.7370,
-3.0739

81.4640, 12.5892,
-71.4439

85.1660, 11.2572,
-64.1666

88.8680, 9.9251,
-56.8892

92.2710, 8.7404,
-50.2267

95.9730, 7.4083,
-42.9493

99.6750, 6.0762,
-35.6720

■ 103.4910, 5.1809,
-28.4946

■ 107.1930, 3.8489,
-21.2173

■ 110.5960, 2.6642,
-14.5547

■ 114.2980, 1.3321,
-7.2773

Harmonies

Analogous

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



94.6680, -6.7383, -32.1578



81.4640, 12.5892, -71.4439



83.7270, 23.7986, -73.4286

Triad

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



81.4640, 12.5892, -71.4439



106.8860, 19.7762, 3.6080



104.0520, -22.2106, 30.6494

Complementary

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



81.4640, 12.5892, -71.4439



36.5360, -12.5892, 71.4439

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.



105.4090, -13.5126, 40.8603



81.4640, 12.5892, -71.4439



107.8090, 9.9542, 27.3545

Square

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



81.4640, 12.5892, -71.4439



100.8220, 26.7098, -27.0309



106.7970, -1.8719, 40.5200



102.3720, -24.3404, 13.7058

Rectangle

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



81.4640, 12.5892, -71.4439



84.0350, 30.0557, -73.6987



106.7970, -1.8719, 40.5200



104.3560, -19.8955, 34.7678

Sweetspot

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



81.4640, 12.5892, -71.4439



138.7900, 5.0335, -27.8798



72.8540, -35.9170, -53.3690



68.2860, 2.8170, -16.9138



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



81.4640, 12.5892, -71.4439



105.6570, 16.4381, -92.6612



55.1290, 30.9954, -48.3481



57.0920, 0.4476, -3.5887



84.2680, 13.1789, -73.9030



172.6280, 26.8054, -151.3948

Inverse Universe

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



36.5360, -12.5892, 71.4439



47.3430, -16.4381, 92.6612



62.8710, -30.9954, 48.3481



54.7940, -0.8844, 3.6887



37.7320, -13.1789, 73.9030



77.3720, -26.8054, 151.3948

Previews

White Background



This preview shows how the YUV color 81.4640, 12.5892, -71.4439 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 81.4640, 12.5892, -71.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

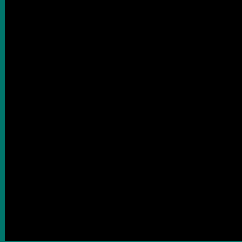
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4640, 12.5892, -71.4439

Background



This preview shows how black text looks on a background with the YUV color 81.4640, 12.5892, -71.4439.



This preview shows how white text looks on a background with the YUV color 81.4640, 12.5892, -71.4439.

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

81.4640, 12.5892, -71.4439

Protanopia

104.3270, -2.6262, 2.3442

Deuteranopia

105.4290, 2.7465, 5.7628



Tritanopia

90.7250, 16.8976, -53.2558

Trichromacy



Original Color

81.4640, 12.5892, -71.4439

Protanomaly

95.9430, 2.9861, -24.5060

Deuteranomaly

96.5780, 6.6170, -22.4319

Tritanomaly

87.2250, 15.1721, -59.8333

Monochromacy



Original Color

81.4640, 12.5892, -71.4439

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9860, 4.4439, -25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4640, 12.5892, -71.4439 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(0, 118, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 107)  
}
```

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(0, 118, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 107) }
```

Border

The CSS property to change the border of an element to YUV 81.4640, 12.5892, -71.4439 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(0, 118, 107) }
```


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

```
.border{ border-color:rgb(0, 118, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 81.4640, 12.5892, -71.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 107) }
```

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

```
.background{ background-color: rgb(0, 118,  
107) }
```

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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