

Converting Colors

YUV(96.4980, 4.1915, -84.6287)

Have a look what the booklet for
YUV(96.4980, 4.1915, -84.6287)
contains.

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Color

**YUV(96.4980, 4.1915,
-84.6287)**

Conversions

Conversions Part 1

Format	Color
Hex	009069
RGB	0, 144, 105
RGB Percent	0%, 56%, 41%
CMY	1.0000, 0.4353, 0.5882
CMYK	1.00, 0.00, 0.27, 0.44
HSL	164°, 100%, 28%
HSV	164°, 100%, 56%
XYZ	12.5231, 20.9664, 16.7515
YIQ	96.4980, -73.3050, -42.6570

Conversions

Conversions Part 2

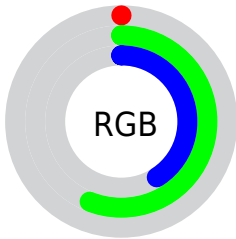
Format	Color
RYB	0, 83, 144
Decimal	36969
CIELab	52.91, -42.61, 11.65
CIELCh	53, 44.175, 164.712
Yxy	20.9664, 0.2493, 0.4173
Android (android.graphics.Color)	4278227049 (0xFF009069)
YUV	96.4980, 4.1915, -84.6287
Hunter-Lab	45.7891, -31.3122, 10.3617

Details

The YUV color **96.4980, 4.1915, -84.6287** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **47.5020, -4.1915, 84.6287**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7130, -1.8305, -66.4003**, and **60.6160, -1.2897, -53.1602** is the 20% darker color. If you saturate the color by 10%, you get **96.4980, 4.1915, -84.6287**, and if you desaturate by 10%, it is **101.1400, 3.8750, -76.4218**.

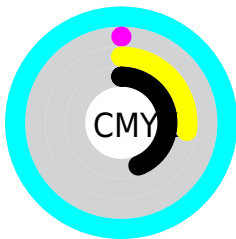
Distribution



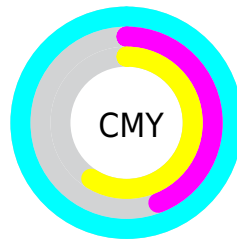
- Red (0%)
- Green (56%)
- Blue (41%)



- Red (0%)
- Yellow (33%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4980, 4.1915, -84.6287 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 96.4980, 4.1915, -84.6287 by changing the saturation by 10% instead.

■ 96.4980, 4.1915,
-84.6287

■ 96.4980, 4.1915,
-84.6287

■ 255.0000, 0.0000,
0.0000

■ 78.5000, 1.2325,
-68.8445

■ 159.7130, -1.8305,
-66.4003

■ 60.6160, -1.2897,
-53.1602

■ 188.1970, -2.5621,
-65.0708

■ 44.0200, -3.9539,
-38.6055

■ 216.4960, -2.7095,
-64.4560

■ 28.1250, -6.4706,
-24.6656

■ 228.3590, 5.2460,
-49.4268

■ 10.5660, -5.2090,
-9.2664

■ 238.8540, 7.9600,
-33.1980

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,

-14.7546

■ 96.4980, 4.1915,
-84.6287

■ 101.1400, 3.8750,
-76.4218

■ 106.0810, 3.4111,
-67.6000

■ 110.7230, 3.0946,
-59.3931

■ 115.6640, 2.6306,
-50.5713

■ 120.1920, 1.8773,
-42.2644

■ 124.8340, 1.5608,
-34.0574

■ 129.7750, 1.0969,
-25.2357

■ 134.4170, 0.7804,
-17.0287

■ 139.3580, 0.3165,
-8.2070

Harmonies

Analogous

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



115.5860, -22.4739, -25.0699



96.4980, 4.1915, -84.6287



101.5310, 20.9372, -89.0427

Triad

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



96.4980, 4.1915, -84.6287



123.9930, 37.4715, -25.4269



125.1090, -25.1967, 55.1554

Complementary

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



96.4980, 4.1915, -84.6287



47.5020, -4.1915, 84.6287

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.



126.5070, -8.6310, 61.8224



96.4980, 4.1915, -84.6287



130.3640, 24.9635, 19.8518

Square

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



96.4980, 4.1915, -84.6287



102.5180, 47.5656, -89.9083



128.7240, 9.0101, 50.2311



123.5290, -35.7568, 35.4931

Rectangle

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



96.4980, 4.1915, -84.6287



103.6800, 31.7098, -90.9274



128.7240, 9.0101, 50.2311



125.5100, -19.9714, 59.1887

Sweetspot

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



96.4980, 4.1915, -84.6287



167.5460, 1.7028, -32.9278



96.7870, -47.7160, -48.9252



82.8080, 1.0807, -20.0026



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



96.4980, 4.1915, -84.6287



124.6860, 5.5778, -109.3496



82.7470, 30.1977, -72.5691



68.6790, 0.1583, -4.1035



90.5310, 4.1752, -79.3957



5.3800, 0.3057, -4.7183

Inverse Universe

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



47.5020, -4.1915, 84.6287



61.3140, -5.5778, 109.3496



61.2530, -30.1977, 72.5691



66.3210, -0.1583, 4.1035



44.5830, -3.7384, 79.2957



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 96.4980, 4.1915, -84.6287 looks on a white background.

Color Contrast Check

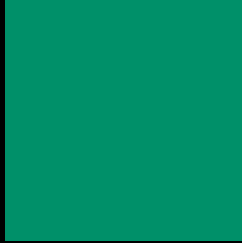
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.4980, 4.1915, -84.6287 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 × Fail

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

YUV 96.4980, 4.1915, -84.6287

Background



This preview shows how black text looks on a background with the YUV color 96.4980, 4.1915, -84.6287.



This preview shows how white text looks on a background with the YUV color 96.4980, 4.1915, -84.6287.

-84.6287.

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

96.4980, 4.1915, -84.6287

Protanopia

124.9720, -14.2832, 7.9176

Deuteranopia

126.3240, -8.0477, 14.6249



Tritanopia

112.0450, 18.2188, -57.0445

Trichromacy



Original Color

96.4980, 4.1915, -84.6287

Protanomaly

114.7720, -7.7756, -26.1100

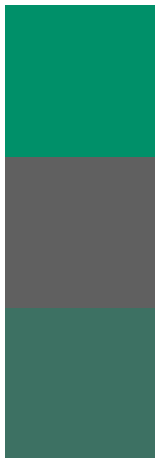
Deuteranomaly

115.2440, -3.5713, -21.2620

Tritanomaly

106.3120, 13.1572, -66.9256

Monochromacy



Original Color

96.4980, 4.1915, -84.6287

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8560, 1.5500, -30.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4980, 4.1915, -84.6287 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, 144, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 105)  
}
```

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, 144, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 105) }
```

Border

The CSS property to change the border of an element to YUV 96.4980, 4.1915, -84.6287 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, 144, 105) }
```


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

```
.border{ border-color:rgb(0, 144, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 144, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 96.4980, 4.1915, -84.6287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 105) }
```

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

```
.background{ background-color: rgb(0, 144,  
105) }
```

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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