

# Converting Colors

YUV(92.6510, 2.1441, -81.2549)

Have a look what the booklet for  
YUV(92.6510, 2.1441, -81.2549)  
contains.

<b>YUV(92.6510, 2.1441, -81.2549)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(92.6510, 2.1441,  
-81.2549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008B61
RGB	0, 139, 97
RGB Percent	0%, 55%, 38%
CMY	1.0000, 0.4549, 0.6196
CMYK	1.00, 0.00, 0.30, 0.45
HSL	162°, 100%, 27%
HSV	162°, 100%, 55%
XYZ	11.3903, 19.3283, 14.4397
YIQ	92.6510, -69.3620, -42.5300

# Conversions

## Conversions Part 2

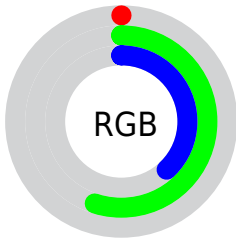
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 139
Decimal	35681
CIELab	51.07, -42.58, 13.65
CIELCh	51, 44.713, 162.232
Yxy	19.3283, 0.2522, 0.4280
Android (android.graphics.Color)	4278225761 (0xFF008B61)
YUV	92.6510, 2.1441, -81.2549
Hunter-Lab	43.9640, -30.6907, 11.3014

# Details

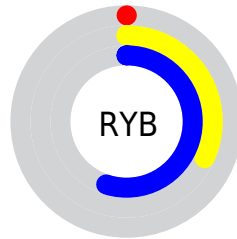
The YUV color **92.6510, 2.1441, -81.2549** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **46.3490, -2.1441, 81.2549**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6810, -3.2937, -63.7412**, and **57.3560, -3.6265, -50.3012** is the 20% darker color. If you saturate the color by 10%, you get **92.6510, 2.1441, -81.2549**, and if you desaturate by 10%, it is **97.2930, 1.8276, -73.0480**.

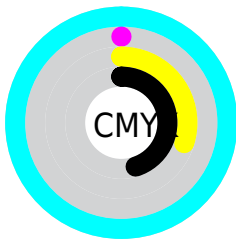
# Distribution



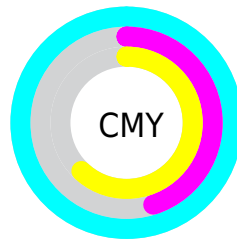
- Red (0%)
- Green (55%)
- Blue (38%)



- Red (0%)
- Yellow (32%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)




- Cyan (100%)
- Magenta (45%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 92.6510, 2.1441, -81.2549 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 92.6510, 2.1441, -81.2549 by changing the saturation by 10% instead.





 92.6510, 2.1441,  
-81.2549

 92.6510, 2.1441,  
-81.2549


255.0000, 0.0000,  
0.0000

 74.6530, -0.8149,  
-65.4707


 154.6810, -3.2937,  
-63.7412

 57.3560, -3.6265,  
-50.3012


 183.6380, -4.7515,  
-62.8265

 40.2870, -5.5645,  
-35.3317

 212.2250, -5.0409,  
-63.3413

 25.2240, -9.9704,  
-22.1214

 226.4360, 1.7571,  
-50.3714

 4.1090, -2.0257,  
-3.6036

 237.9570, 8.4022,  
-35.0423

 0.0000, 0.0000,  
0.0000

 246.9270, 3.9800,

-16.5990

■ 92.6510, 2.1441,  
-81.2549

■ 97.2930, 1.8276,  
-73.0480

■ 101.9350, 1.5110,  
-64.8410

■ 106.6910, 1.6313,  
-56.7340

■ 111.3330, 1.3148,  
-48.5270

■ 115.9750, 0.9983,  
-40.3201

■ 120.3180, 0.8292,  
-32.7279

■ 124.9600, 0.5127,  
-24.5209

■ 129.7160, 0.6330,  
-16.4139

■ 134.3580, 0.3165,  
-8.2070

# Harmonies

## Analogous

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



111.4400, -24.3739, -22.3109



92.6510, 2.1441, -81.2549



98.3850, 19.0372, -86.2836

# Triad

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



92.6510, 2.1441, -81.2549



117.3020, 38.7981, -30.9599



120.4620, -23.8918, 56.5998

# Complementary

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



92.6510, 2.1441, -81.2549



46.3490, -2.1441, 81.2549

# 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.



121.2620, -7.0312, 62.0372



92.6510, 2.1441, -81.2549



124.9830, 26.1374, 16.6779

# Square

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



92.6510, 2.1441, -81.2549



99.6000, 46.5392, -87.3492



124.4680, 10.6153, 48.7016



118.9530, -35.4728, 37.7522



# Rectangle

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



92.6510, 2.1441, -81.2549



100.5340, 29.8097, -88.1683



124.4680, 10.6153, 48.7016



120.5640, -18.5191, 60.0184

# Sweetspot

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



92.6510, 2.1441, -81.2549



163.0300, 0.9712, -31.5983



94.7490, -46.7113, -44.5069



80.9930, 0.4965, -19.2879



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



92.6510, 2.1441, -81.2549



120.6110, 2.6568, -105.7758



82.7640, 27.7243, -72.5840



66.6790, 0.1583, -4.1035



88.6730, 2.1332, -77.7662



3.3910, 0.3002, -2.9739



# Inverse Universe

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



46.3490, -2.1441, 81.2549



60.3890, -2.6568, 105.7758



56.2360, -27.7243, 72.5840



64.3210, -0.1583, 4.1035



44.3270, -2.1332, 77.7662



1.7230, 0.1366, 2.8739



# Previews

## White Background



This preview shows how the YUV color 92.6510, 2.1441, -81.2549 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 92.6510, 2.1441, -81.2549 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 92.6510, 2.1441, -81.2549

## Background



This preview shows how black text looks on a background with the YUV color 92.6510, 2.1441, -81.2549.



This preview shows how white text looks on a background with the YUV color 92.6510, 2.1441, -81.2549.



# 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

92.6510, 2.1441, -81.2549

### Protanopia

120.0430, -15.3042, 8.7323

### Deuteranopia

121.5800, -9.6529, 16.1543



## Tritanopia

108.5400, 17.4818, -53.9706

# Trichromacy



## Original Color

92.6510, 2.1441, -81.2549



## Protanomaly

110.4410, -9.0914, -24.0658



## Deuteranomaly

110.7990, -5.3239, -19.1177



## Tritanomaly

102.6930, 11.9834, -63.7518

# Monochromacy



## Original Color

92.6510, 2.1441, -81.2549



## Achromatopsia

93.0000, 0.0000, 0.0000



## Achromatomaly

92.9270, 0.5290, -29.7540

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.6510, 2.1441, -81.2549 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, 139, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 97)  
}
```

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, 139, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 97) }
```

## Border

The CSS property to change the border of an element to YUV 92.6510, 2.1441, -81.2549 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, 139, 97) }
```



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

```
.border{ border-color:rgb(0, 139, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 139, 97)  
}
```

# Background

The CSS property to change the background color of an element to YUV 92.6510, 2.1441, -81.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 97) }
```

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

```
.background{ background-color: rgb(0, 139,  
97) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor