

# Converting Colors

YUV(90.5940, 12.0322,  
-79.4509)

Have a look what the booklet for  
YUV(90.5940, 12.0322, -79.4509)  
contains.

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# Color

**YUV(90.5940, 12.0322,  
-79.4509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008473
RGB	0, 132, 115
RGB Percent	0%, 52%, 45%
CMY	1.0000, 0.4824, 0.5490
CMYK	1.00, 0.00, 0.13, 0.48
HSL	172°, 100%, 26%
HSV	172°, 100%, 52%
XYZ	11.3458, 17.7403, 19.0459
YIQ	90.5940, -73.2150, -33.2710

# Conversions

## Conversions Part 2

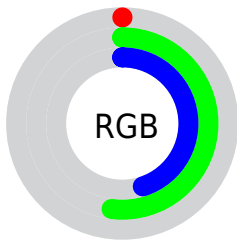
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 132
Decimal	33907
CIELab	49.18, -34.76, 0.53
CIELCh	49, 34.762, 179.132
Yxy	17.7403, 0.2357, 0.3686
Android (android.graphics.Color)	4278223987 (0xFF008473)
YUV	90.5940, 12.0322, -79.4509
Hunter-Lab	42.1193, -25.6257, 2.6732

# Details

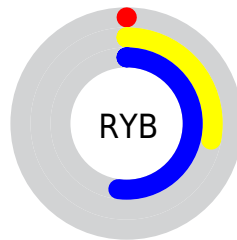
The YUV color **90.5940, 12.0322, -79.4509** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **41.4060, -12.0322, 79.4509**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7380, 7.0312, -62.0372**, and **55.1850, 5.8248, -48.3972** is the 20% darker color. If you saturate the color by 10%, you get **90.5940, 12.0322, -79.4509**, and if you desaturate by 10%, it is **94.7090, 10.9895, -71.6588**.

# Distribution



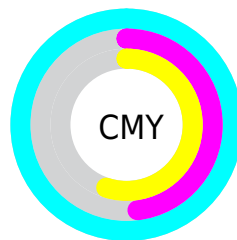
- Red (0%)
- Green (52%)
- Blue (45%)



- Red (0%)
- Yellow (28%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 90.5940, 12.0322, -79.4509 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 90.5940, 12.0322, -79.4509 by changing the saturation by 10% instead.



90.5940, 12.0322,  
-79.4509

90.5940, 12.0322,  
-79.4509

255.0000, 0.0000,  
0.0000

72.4820, 8.6364,  
-63.5667

152.7380, 7.0312,  
-62.0372

55.1850, 5.8248,  
-48.3972

180.9230, 6.4470,  
-61.3225

39.1760, 2.8712,  
-34.3574

209.2220, 6.2996,  
-60.7077

24.4550, -0.2243,  
-21.4470

228.4170, 10.6404,  
-52.9857

0.0000, 0.0000,  
0.0000

237.6580, 8.5496,  
-35.6571

246.6280, 4.1274,

-17.2138

■ 90.5940, 12.0322,  
-79.4509

■ 94.7090, 10.9895,  
-71.6588

■ 98.7100, 9.5100,  
-63.7667

■ 103.1240, 8.3199,  
-55.3597

■ 107.2390, 7.2772,  
-47.5676

■ 111.3540, 6.2345,  
-39.7755

■ 115.3550, 4.7550,  
-31.8833

■ 119.4700, 3.7123,  
-24.0912

■ 123.8840, 2.5222,  
-15.6843

■ 127.8850, 1.0427,  
-7.7921

# Harmonies

## Analogous

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



106.1580, -9.9379, -32.5876



90.5940, 12.0322, -79.4509



94.0140, 25.1361, -82.4503

# Triad

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



90.5940, 12.0322, -79.4509



119.0040, 24.1550, -0.8805



116.2270, -24.2689, 37.5119

# Complementary

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



90.5940, 12.0322, -79.4509



41.4060, -12.0322, 79.4509

# 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.



117.4530, -13.5343, 47.8377



90.5940, 12.0322, -79.4509



120.7320, 13.4431, 28.2990

# Square

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



90.5940, 12.0322, -79.4509



110.1240, 31.9839, -38.6967



119.2860, -0.1410, 45.3532



114.6670, -28.4298, 18.7090



# Rectangle

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



90.5940, 12.0322, -79.4509



94.0770, 32.9930, -82.5055



119.2860, -0.1410, 45.3532



116.9440, -21.6644, 42.1451

# Sweetspot

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



90.5940, 12.0322, -79.4509



154.9530, 4.4602, -30.6538



82.8660, -40.8529, -56.8875



76.9760, 2.9698, -19.2730



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



90.5940, 12.0322, -79.4509



117.3630, 15.5970, -102.9274



64.3560, 33.3485, -56.4402



64.0920, 0.4476, -3.5887



89.1920, 11.7373, -78.2214



1.9890, 0.0054, -1.7444



# Inverse Universe

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



41.4060, -12.0322, 79.4509



53.6370, -15.5970, 102.9274



67.6440, -33.3485, 56.4402



61.9080, -0.4476, 3.5887



40.8080, -11.7373, 78.2214



0.8970, -0.4422, 1.8443



# Previews

## White Background



This preview shows how the YUV color 90.5940, 12.0322, -79.4509 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 90.5940, 12.0322, -79.4509 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

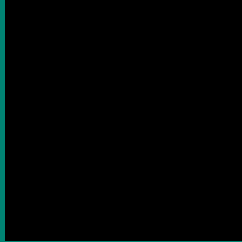
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 90.5940, 12.0322, -79.4509

## Background



This preview shows how black text looks on a background with the YUV color 90.5940, 12.0322, -79.4509.



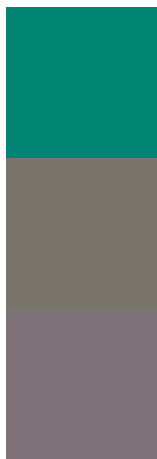
This preview shows how white text looks on a background with the YUV color 90.5940, 12.0322,

-79.4509.

# 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

90.5940, 12.0322, -79.4509

### Protanopia

116.3550, -5.1050, 4.0737

### Deuteranopia

117.5710, 0.7045, 7.3922



## Tritanopia

102.3330, 18.0768, -58.1740

# Trichromacy



## Original Color

90.5940, 12.0322, -79.4509

## Protanomaly

107.0630, 0.9549, -26.3653

## Deuteranomaly

107.8120, 5.0227, -24.3911

## Tritanomaly

98.0070, 15.7725, -65.7811

# Monochromacy



## Original Color

90.5940, 12.0322, -79.4509

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

90.9640, 4.4547, -28.9094

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.5940, 12.0322, -79.4509 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, 132, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 115)  
}
```

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, 132, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 115) }
```

## Border

The CSS property to change the border of an element to YUV 90.5940, 12.0322, -79.4509 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, 132, 115) }
```



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

```
.border{ border-color:rgb(0, 132, 115) }
```

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

Here you see how a box with a 4 pixel rgb(0, 132, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
115) }
```

# Background

The CSS property to change the background color of an element to YUV 90.5940, 12.0322, -79.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 115) }
```

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

```
.background{ background-color: rgb(0, 132,  
115) }
```

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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