

# Converting Colors

YUV(101.1940, 12.2294,  
-49.2821)

Have a look what the booklet for  
YUV(101.1940, 12.2294, -49.2821)  
contains.

<b>YUV(101.1940, 12.2294, -49.2821)</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(101.1940, 12.2294,  
-49.2821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D7D7E
RGB	45, 125, 126
RGB Percent	18%, 49%, 49%
CMY	0.8235, 0.5098, 0.5059
CMYK	0.64, 0.01, 0.00, 0.51
HSL	181°, 47%, 34%
HSV	181°, 64%, 49%
XYZ	12.1817, 16.7315, 22.3261
YIQ	101.1940, -48.0010, -16.6490

# Conversions

## Conversions Part 2

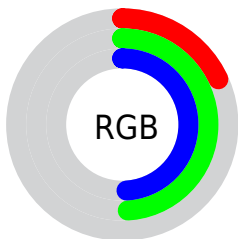
Format	Color
<b>RYB</b>	45, 85, 126
Decimal	2981246
CIELab	47.92, -23.42, -7.73
CIELCh	48, 24.667, 198.262
Yxy	16.7315, 0.2377, 0.3265
Android (android.graphics.Color)	4281171326 (0xFF2D7D7E)
YUV	101.1940, 12.2294, -49.2821
Hunter-Lab	40.9041, -18.4230, -3.7285

# Details

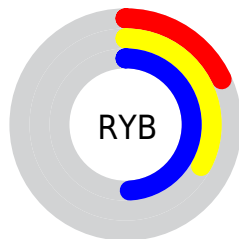
The YUV color **101.1940, 12.2294, -49.2821** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **69.8060, -12.2294, 49.2821**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3900, 11.6397, -46.8230**, and **53.3900, 11.6397, -46.8230** is the 20% darker color. If you saturate the color by 10%, you get **97.3070, 14.1456, -57.2742**, and if you desaturate by 10%, it is **105.0810, 10.3131, -41.2900**.

# Distribution



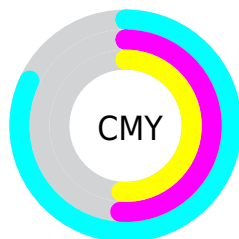
- Red (18%)
- Green (49%)
- Blue (49%)



- Red (18%)
- Yellow (33%)
- Blue (49%)



- Cyan (64%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.1940, 12.2294, -49.2821 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 101.1940, 12.2294, -49.2821 by changing the saturation by 10% instead.



101.1940, 12.2294,  
-49.2821

101.1940, 12.2294,  
-49.2821

255.0000, 0.0000,  
0.0000

71.4100, 14.5879,  
-59.1186

155.3900, 11.6397,  
-46.8230

53.3900, 11.6397,  
-46.8230

182.9770, 11.3503,  
-47.3378

36.6800, 8.5388,  
-32.1684

210.9770, 11.3503,  
-47.3378

22.5460, 5.1538,  
-19.7728

234.0700, 10.3185,  
-43.0344

1.1400, 4.3680,  
-0.9998

242.7410, 6.0437,  
-25.2059

0.0000, 0.0000,  
0.0000

251.4120, 1.7689,

-7.3773

■ 101.1940, 12.2294,  
-49.2821

■ 101.1940, 12.2294,  
-49.2821

■ 97.3070, 14.1456,  
-57.2742

■ 105.0810, 10.3131,  
-41.2900

■ 93.7190, 15.9145,  
-64.6516

■ 108.6690, 8.5442,  
-33.9127

■ 89.8320, 17.8308,  
-72.6437

■ 112.5560, 6.6279,  
-25.9206

■ 87.1520, 19.1521,  
-76.4323

■ 116.7310, 4.5696,  
-19.0581

■ 120.6180, 2.6533,  
-11.0660

■ 124.5050, 0.7370,  
-3.0739

■ 128.0930, -1.0318,  
4.3034

■ 131.9800, -2.9481,  
12.2955

■ 135.5680, -4.7170,  
19.6729

# Harmonies

## Analogous

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



105.0790, -0.0389, -34.2723



101.1940, 12.2294, -49.2821



102.3710, 20.5231, -49.4374

# Triad

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



101.1940, 12.2294, -49.2821



116.7040, 12.4709, 13.4146



113.2570, -19.8467, 19.0686

# Complementary

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



101.1940, 12.2294, -49.2821



69.8060, -12.2294, 49.2821

# 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.



114.8870, -15.2273, 30.7941



101.1940, 12.2294, -49.2821



116.6860, 3.1128, 28.3394

# Square

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



101.1940, 12.2294, -49.2821



113.9940, 19.2300, -7.8877



115.4990, -6.6550, 34.6424



110.9130, -18.1981, 3.5843



# Rectangle

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



101.1940, 12.2294, -49.2821



106.3060, 22.5271, -38.8564



115.4990, -6.6550, 34.6424



113.6320, -18.5526, 24.0017

# Sweetspot

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



101.1940, 12.2294, -49.2821



153.7310, 4.5696, -19.0581



92.5470, -23.4407, -41.6987



75.7320, 3.0901, -11.1660



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



101.1940, 12.2294, -49.2821



125.0380, 18.7153, -76.3323



78.3010, 23.5156, -29.2050



61.9070, 1.0318, -4.3034



88.5540, 19.4469, -77.6619



0.0000, 0.0000, 0.0000



# Inverse Universe

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



78.3390, 23.0039, 41.7987



89.5110, 35.7371, 64.4499



93.2860, -23.8050, 28.6902



59.8910, 2.0257, 3.6036



52.6360, 36.1685, 66.0942

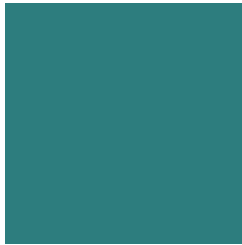


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 101.1940, 12.2294, -49.2821 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 101.1940, 12.2294, -49.2821 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

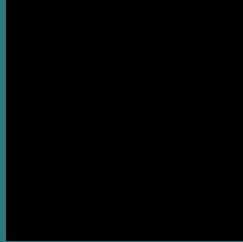
Any Text WCAG AA × Fail

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 101.1940, 12.2294, -49.2821 Background



This preview shows how black text looks on a background with the YUV color 101.1940, 12.2294, -49.2821.



This preview shows how white text looks on a background with the YUV color 101.1940, 12.2294, -49.2821.



# 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

101.1940, 12.2294, -49.2821

### Protanopia

113.2820, 2.3260, 0.6297

### Deuteranopia

113.9600, 7.4147, 1.7891



## Tritanopia

102.7150, 15.4235, -47.1081

# Trichromacy



## Original Color

101.1940, 12.2294, -49.2821

## Protanomaly

109.0840, 5.8746, -17.6137

## Deuteranomaly

109.0070, 9.3635, -16.6691

## Tritanomaly

102.0740, 14.2605, -47.4229

# Monochromacy



## Original Color

101.1940, 12.2294, -49.2821

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.3290, 4.2748, -17.8285

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.1940, 12.2294, -49.2821 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(45, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(45, 125, 126)  
}
```

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(45, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 125, 126) }
```

## Border

The CSS property to change the border of an element to YUV 101.1940, 12.2294, -49.2821 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(45, 125, 126) }
```



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

```
.border{ border-color:rgb(45, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(45, 125,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 101.1940, 12.2294, -49.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 125, 126) }
```

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

```
.background{ background-color: rgb(45, 125,  
126) }
```

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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