

# Converting Colors

YUV(72.4850, 4.1979, -39.8903)

Have a look what the booklet for  
YUV(72.4850, 4.1979, -39.8903)  
contains.

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# Color

**YUV(72.4850, 4.1979,  
-39.8903)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B5E51
RGB	27, 94, 81
RGB Percent	11%, 37%, 32%
CMY	0.8941, 0.6314, 0.6824
CMYK	0.71, 0.00, 0.14, 0.63
HSL	168°, 55%, 24%
HSV	168°, 71%, 37%
XYZ	5.9399, 8.8325, 9.1764
YIQ	72.4850, -35.7590, -18.2470

# Conversions

## Conversions Part 2

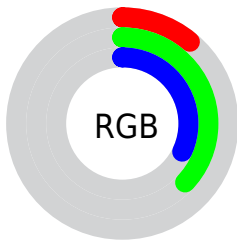
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 64, 94
Decimal	1793617
CIELab	35.66, -24.25, 1.38
CIELCh	36, 24.292, 176.739
Yxy	8.8325, 0.2480, 0.3688
Android (android.graphics.Color)	4279983697 (0xFF1B5E51)
YUV	72.4850, 4.1979, -39.8903
Hunter-Lab	29.7195, -16.3332, 2.4970

# Details

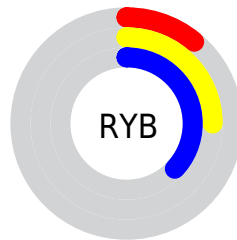
The YUV color **72.4850, 4.1979, -39.8903** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.5150, -4.1979, 39.8903**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1540, 2.8821, -37.8461**, and **31.8070, 2.5601, -27.8947** is the 20% darker color. If you saturate the color by 10%, you get **69.5660, 4.6510, -45.2234**, and if you desaturate by 10%, it is **75.4040, 3.7448, -34.5573**.

# Distribution



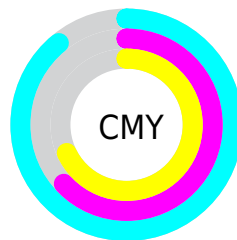
- Red (11%)
- Green (37%)
- Blue (32%)



- Red (11%)
- Yellow (25%)
- Blue (37%)



- Cyan (71%)
- Magenta (0%)
- Yellow (14%)
- Black (63%)



- Cyan (89%)
- Magenta (63%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 72.4850, 4.1979, -39.8903 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 72.4850, 4.1979, -39.8903 by changing the saturation by 10% instead.



■ 72.4850, 4.1979,  
-39.8903

■ 72.4850, 4.1979,  
-39.8903

■ 255.0000, 0.0000,  
0.0000

■ 47.7020, 5.0769,  
-41.8347

■ 124.1540, 2.8821,  
-37.8461

■ 31.8070, 2.5601,  
-27.8947

■ 150.7410, 2.5927,  
-38.3609

■ 18.7330, -1.8404,  
-16.4288

■ 177.7410, 2.5927,  
-38.3609

■ 0.0000, 0.0000,  
0.0000

■ 205.4420, 2.7401,  
-38.9756

■ 233.4420, 2.7401,  
-38.9756

■ 243.6380, 5.6015,

-23.3615

252.3090, 1.3267,  
-5.5330

72.4850, 4.1979,  
-39.8903

72.4850, 4.1979,  
-39.8903

69.5660, 4.6510,  
-45.2234

75.4040, 3.7448,  
-34.5573

66.3480, 5.2514,  
-51.1712

78.6220, 3.1444,  
-28.6095

63.8420, 5.9939,  
-55.9894

81.4270, 2.2545,  
-23.1765

84.6450, 1.6540,  
-17.2287

87.5640, 1.2009,  
-11.8956

■ 90.4830, 0.7479,  
-6.5626

■ 93.7010, 0.1474,  
-0.6148

■ 96.6200, -0.3057,  
4.7183

■ 99.7240, -1.3429,  
10.7661

# Harmonies

## Analogous

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



77.8160, -7.7973, -19.1326



72.4850, 4.1979, -39.8903



66.6920, 16.9138, -58.4889

# Triad

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



72.4850, 4.1979, -39.8903



85.3430, 16.5929, -2.0548



83.7400, -15.6478, 25.6610

# Complementary

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



72.4850, 4.1979, -39.8903



48.5150, -4.1979, 39.8903

# 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.



84.9070, -8.8282, 31.6536



72.4850, 4.1979, -39.8903



86.5150, 9.1131, 17.0883

# Square

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



72.4850, 4.1979, -39.8903



79.3400, 21.0314, -25.7312



86.0020, 0.4920, 28.9392



82.5660, -18.5200, 13.5356



# Rectangle

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



72.4850, 4.1979, -39.8903



66.7720, 22.2974, -58.5590



86.0020, 0.4920, 28.9392



84.2180, -13.9115, 28.7498

# Sweetspot

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



72.4850, 4.1979, -39.8903



113.9550, 1.5012, -14.8695



70.2160, -21.3055, -26.4994



56.1730, 0.9007, -8.9217



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



72.4850, 4.1979, -39.8903



88.3250, 6.7418, -62.5520



62.2270, 15.6641, -30.8941



44.3910, 0.3002, -2.9739



74.6020, 6.6052, -65.4260



160.8930, 14.8428, -141.1032



# Inverse Universe

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



48.5150, -4.1979, 39.8903



50.7890, -6.3050, 62.4520



58.7730, -15.6641, 30.8941



42.6090, -0.3002, 2.9739



35.2840, -7.0420, 65.5259

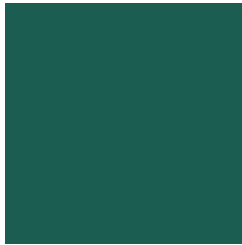


76.1070, -14.8428, 141.1032



# Previews

## White Background



This preview shows how the YUV color 72.4850, 4.1979, -39.8903 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 ✓ Pass



# Black Background



This preview shows how the YUV color 72.4850, 4.1979, -39.8903 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

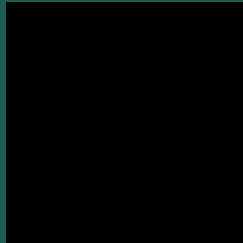
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 72.4850, 4.1979, -39.8903**

## **Background**



This preview shows how black text looks on a background with the YUV color 72.4850, 4.1979, -39.8903.



This preview shows how white text looks on a background with the YUV color 72.4850, 4.1979, -39.8903.



# 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

72.4850, 4.1979, -39.8903

### Protanopia

83.2840, -4.0840, 3.2589

### Deuteranopia

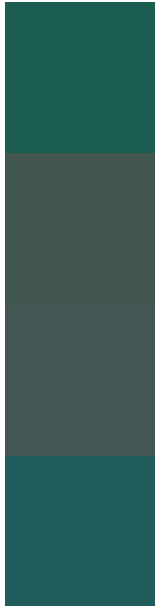
84.3320, -0.1637, 5.8478



## Tritanopia

75.4670, 11.6018, -34.6126

# Trichromacy



## Original Color

72.4850, 4.1979, -39.8903

## Protanomaly

79.2820, -1.1250, -12.5253

## Deuteranomaly

80.2760, 1.3429, -10.7661

## Tritanomaly

74.3590, 8.6970, -36.2718

# Monochromacy



## Original Color

72.4850, 4.1979, -39.8903

## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

72.2540, 1.3538, -14.2548

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.4850, 4.1979, -39.8903 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(27, 94, 81)` looks like.

```
.text, #text, p{  
    color:rgb(27, 94, 81)  
}
```

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(27, 94, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 94, 81) }
```

## Border

The CSS property to change the border of an element to YUV 72.4850, 4.1979, -39.8903 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(27, 94, 81) }
```



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

```
.border{ border-color:rgb(27, 94, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 94, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 94, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 94, 81);  
box-shadow:4px 4px 4px 4px rgb(27, 94, 81)  
}
```

# Background

The CSS property to change the background color of an element to YUV 72.4850, 4.1979, -39.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 94, 81) }
```

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

```
.background{ background-color: rgb(27, 94,  
81) }
```

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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