

Converting Colors

YUV(129.4390, 10.6296,
-49.4970)

Have a look what the booklet for
YUV(129.4390, 10.6296, -49.4970)
contains.

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Color

**YUV(129.4390, 10.6296,
-49.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	499A97
RGB	73, 154, 151
RGB Percent	29%, 60%, 59%
CMY	0.7137, 0.3961, 0.4078
CMYK	0.53, 0.00, 0.02, 0.40
HSL	178°, 36%, 45%
HSV	178°, 53%, 60%
XYZ	19.8892, 26.7620, 33.3955
YIQ	129.4390, -47.3130, -18.1050

Conversions

Conversions Part 2

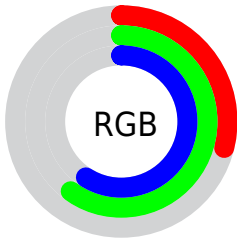
Format	Color
R_{YB}	73, 114, 154
Decimal	4823703
CIE _{Lab}	58.75, -25.37, -5.99
CIE _{LCh}	59, 26.066, 193.290
Yxy	26.7620, 0.2485, 0.3343
Android (android.graphics.Color)	4283013783 (0xFF499A97)
YUV	129.4390, 10.6296, -49.4970
Hunter-Lab	51.7320, -21.9040, -2.0621

Details

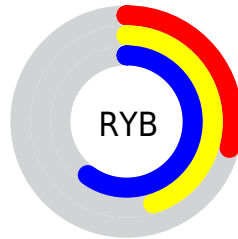
The YUV color **129.4390, 10.6296, -49.4970** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.5610, -10.6296, 49.4970**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3250, 10.1928, -49.3970**, and **71.2740, 14.1619, -62.5073** is the 20% darker color. If you saturate the color by 10%, you get **124.8400, 12.4039, -58.6187**, and if you desaturate by 10%, it is **134.0380, 8.8553, -40.3753**.

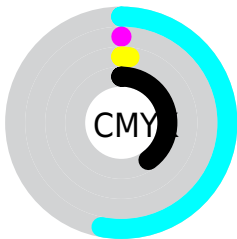
Distribution



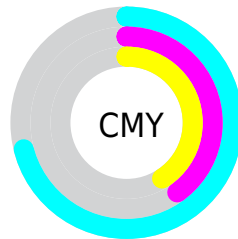
- Red (29%)
- Green (60%)
- Blue (59%)



- Red (29%)
- Yellow (45%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4390, 10.6296, -49.4970 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 129.4390, 10.6296, -49.4970 by changing the saturation by 10% instead.

■ 129.4390, 10.6296,
-49.4970

■ 129.4390, 10.6296,
-49.4970

■ 255.0000, 0.0000,
0.0000

■ 102.5420, 11.0718,
-51.3413

■ 184.3250, 10.1928,
-49.3970

■ 71.2740, 14.1619,
-62.5073

■ 212.3250, 10.1928,
-49.3970

■ 54.4500, 10.6242,
-47.7526

■ 234.0700, 10.3185,
-43.0344

■ 38.4410, 7.6706,
-33.7128

■ 242.4420, 6.1911,
-25.8206

■ 23.6060, 4.1382,
-20.7025

■ 251.4120, 1.7689,
-7.3773

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 129.4390, 10.6296,
-49.4970

■ 129.4390, 10.6296,
-49.4970

■ 124.8400, 12.4039,
-58.6187

■ 134.0380, 8.8553,
-40.3753

■ 120.0560, 14.7624,
-68.4551

■ 138.8220, 6.4968,
-30.5389

■ 115.4570, 16.5367,
-77.5768

■ 143.4210, 4.7224,
-21.4172

■ 110.6730, 18.8952,
-87.4132

■ 148.2050, 2.3639,
-11.5808

■ 107.2700, 20.0799,
-94.0758

■ 152.8040, 0.5896,
-2.4591

■ 157.2890, -1.6215,
6.7625

■ 162.1870, -3.5432,
16.4990

■ 166.7860, -5.3175,
25.6207

■ 171.5700, -7.6760,
35.4571

Harmonies

Analogous

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



132.6940, -2.8071, -33.0576



129.4390, 10.6296, -49.4970



129.7620, 20.8233, -52.4113

Triad

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



129.4390, 10.6296, -49.4970



144.3770, 15.0971, 11.0704



141.5350, -21.4628, 24.0868

Complementary

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



129.4390, 10.6296, -49.4970



97.5610, -10.6296, 49.4970

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.



142.5070, -15.5330, 35.5124



129.4390, 10.6296, -49.4970



144.8540, 5.0020, 29.0690

Square

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



129.4390, 10.6296, -49.4970



141.3570, 22.0090, -12.5911



143.7490, -5.7923, 37.9311



138.9520, -20.6823, 7.0581

Rectangle

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



129.4390, 10.6296, -49.4970



133.0280, 24.1432, -43.8746



143.7490, -5.7923, 37.9311



141.9100, -20.1686, 29.0199

Sweetspot

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



129.4390, 10.6296, -49.4970



191.3180, 4.2802, -19.5729



121.7430, -24.0303, -39.2396



96.2050, 2.3639, -11.5808



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



129.4390, 10.6296, -49.4970



162.8700, 16.8261, -77.0620



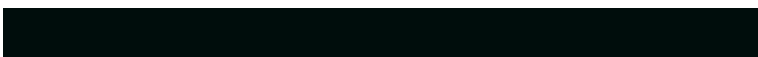
108.6490, 22.3580, -31.2642



74.4940, 0.7425, -4.8182



97.5700, 18.4530, -85.5689



8.9990, 1.4795, -7.8921

Inverse Universe

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



97.5610, -10.6296, 49.4970



113.1300, -16.8261, 77.0620



118.3510, -22.3580, 31.2642



71.3920, -1.1793, 4.9182



42.4300, -18.4530, 85.5689



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 129.4390, 10.6296, -49.4970 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 129.4390, 10.6296, -49.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

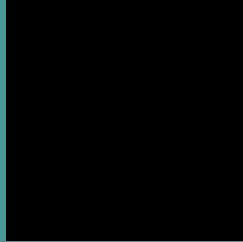
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4390, 10.6296, -49.4970

Background



This preview shows how black text looks on a background with the YUV color 129.4390, 10.6296, -49.4970.

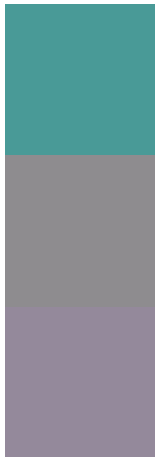


This preview shows how white text looks on a background with the YUV color 129.4390, 10.6296, -49.4970.

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

129.4390, 10.6296, -49.4970

Protanopia

140.9400, 1.0156, 0.9296

Deuteranopia

142.3410, 6.2409, 4.9629



Tritanopia

131.2420, 16.1497, -46.6932

Trichromacy



Original Color

129.4390, 10.6296, -49.4970

Protanomaly

136.7420, 4.5642, -17.3137

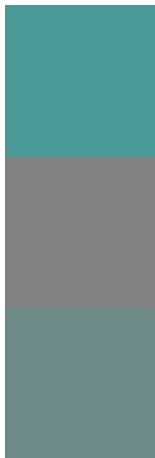
Deuteranomaly

137.6760, 8.0477, -14.6249

Tritanomaly

130.6610, 13.9711, -47.9377

Monochromacy



Original Color

129.4390, 10.6296, -49.4970

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2150, 3.8380, -17.7286

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4390, 10.6296, -49.4970 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(73, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(73, 154, 151)  
}
```

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(73, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 154, 151) }
```

Border

The CSS property to change the border of an element to YUV 129.4390, 10.6296, -49.4970 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(73, 154, 151) }
```


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

```
.border{ border-color:rgb(73, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(73, 154,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 129.4390, 10.6296, -49.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 154, 151) }
```

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

```
.background{ background-color: rgb(73, 154,  
151) }
```

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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