

Converting Colors

YUV(122.0170, 3.9356,
-49.1269)

Have a look what the booklet for
YUV(122.0170, 3.9356, -49.1269)
contains.

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Color

**YUV(122.0170, 3.9356,
-49.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	429582
RGB	66, 149, 130
RGB Percent	26%, 58%, 51%
CMY	0.7412, 0.4157, 0.4902
CMYK	0.56, 0.00, 0.13, 0.42
HSL	166°, 39%, 42%
HSV	166°, 56%, 58%
XYZ	17.0235, 24.2648, 24.9054
YIQ	122.0170, -43.3690, -23.5050

Conversions

Conversions Part 2

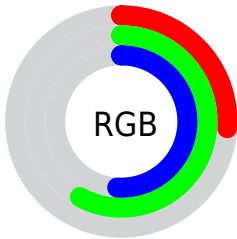
Format	Color
R _Y B	66, 113, 149
Decimal	4363650
CIE Lab	56.35, -30.02, 2.43
CIE LCh	56, 30.118, 175.370
Yxy	24.2648, 0.2572, 0.3666
Android (android.graphics.Color)	4282553730 (0xFF429582)
YUV	122.0170, 3.9356, -49.1269
Hunter-Lab	49.2594, -24.5163, 4.5046

Details

The YUV color **122.0170, 3.9356, -49.1269** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92.9830, -3.9356, 49.1269**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7890, 3.0620, -48.9270**, and **66.7600, 7.0203, -58.5485** is the 20% darker color. If you saturate the color by 10%, you get **117.1900, 4.8363, -58.0486**, and if you desaturate by 10%, it is **126.8440, 3.0349, -40.2052**.

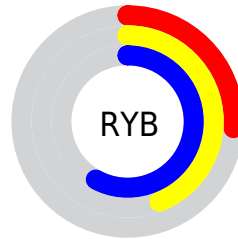
Distribution



 Red (26%)

 Green (58%)

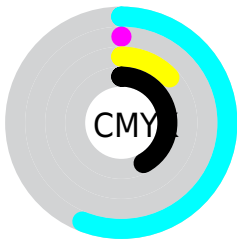
 Blue (51%)




 Red (26%)

 Yellow (44%)

 Blue (58%)

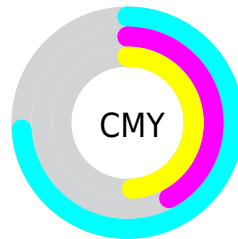


 Cyan (56%)


 Magenta (0%)

 Yellow (13%)

 Black (42%)



 Cyan (74%)

 Magenta (42%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0170, 3.9356, -49.1269 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 122.0170, 3.9356, -49.1269 by changing the saturation by 10% instead.

■ 122.0170, 3.9356,
-49.1269

■ 122.0170, 3.9356,
-49.1269

■ 255.0000, 0.0000,
0.0000

■ 94.9350, 4.9620,
-51.6860

■ 176.7890, 3.0620,
-48.9270

■ 66.7600, 7.0203,
-58.5485

■ 204.6750, 2.6252,
-48.8270

■ 49.4630, 4.2087,
-43.3791

■ 229.8540, 4.5090,
-46.3530

■ 33.4540, 1.2552,
-29.3392

■ 240.0500, 7.3704,
-30.7388

■ 19.9070, -2.4192,
-17.4584

■ 248.7210, 3.0955,
-12.9103

■ 0.0000, 0.0000,
0.0000

■ 122.0170, 3.9356,
-49.1269

■ 122.0170, 3.9356,
-49.1269

■ 117.1900, 4.8363,
-58.0486

■ 126.8440, 3.0349,
-40.2052

■ 112.2490, 5.3002,
-66.8704

■ 131.7850, 2.5710,
-31.3834

■ 107.4220, 6.2010,
-75.7921

■ 136.6120, 1.6703,
-22.4617

■ 102.4810, 6.6649,
-84.6138

■ 141.5530, 1.2064,
-13.6400

■ 100.5730, 7.1125,
-88.2025

■ 146.3800, 0.3057,
-4.7183

■ 150.9080, -0.4476,
3.5887

■ 155.8490, -0.9116,
12.4104

■ 160.6760, -1.8123,

21.3321

■ 165.6170, -2.2762,
30.1539

Harmonies

Analogous

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



127.2730, -10.9806, -24.7954



122.0170, 3.9356, -49.1269



116.4240, 20.0040, -69.6548

Triad

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



122.0170, 3.9356, -49.1269



136.8250, 22.2713, -3.3545



135.4270, -20.9165, 35.5825

Complementary

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



122.0170, 3.9356, -49.1269



92.9830, -3.9356, 49.1269

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.



136.7020, -11.1921, 43.2343



122.0170, 3.9356, -49.1269



138.8730, 12.8806, 22.0364

Square

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



122.0170, 3.9356, -49.1269



130.1200, 28.0418, -34.3082



138.1820, 0.8963, 39.3054



133.5900, -24.9409, 19.6536

Rectangle

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



122.0170, 3.9356, -49.1269



117.5580, 26.8399, -68.8954



138.1820, 0.8963, 39.3054



135.8450, -18.1646, 39.6009

Sweetspot

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



122.0170, 3.9356, -49.1269



183.2210, 1.3700, -19.4878



120.4020, -26.8202, -31.0476



90.7490, 0.6167, -11.1809



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



122.0170, 3.9356, -49.1269



151.7100, 6.0590, -76.9217



111.2690, 18.6014, -39.7009



71.6790, 0.1583, -4.1035



93.0900, 6.3646, -81.6399



6.7820, 0.6005, -5.9478

Inverse Universe

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



92.9830, -3.9356, 49.1269



106.2900, -6.0590, 76.9217



103.7310, -18.6014, 39.7009



69.2070, -0.5951, 4.2035



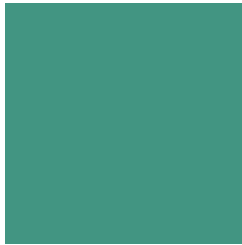
44.9100, -6.3646, 81.6399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 122.0170, 3.9356, -49.1269 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 122.0170, 3.9356, -49.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

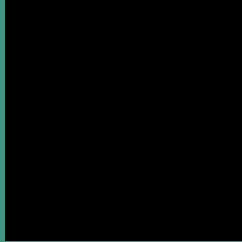
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.0170, 3.9356, -49.1269

Background



This preview shows how black text looks on a background with the YUV color 122.0170, 3.9356, -49.1269.

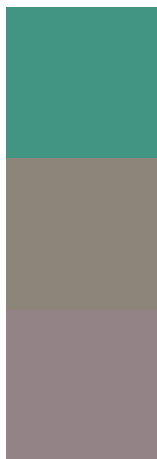


This preview shows how white text looks on a background with the YUV color 122.0170, 3.9356, -49.1269.

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

122.0170, 3.9356, -49.1269

Protanopia

134.4260, -6.1260, 4.8884

Deuteranopia

135.5390, -0.7587, 10.0513



Tritanopia

125.4380, 15.5601, -44.2341

Trichromacy



Original Color

122.0170, 3.9356, -49.1269

Protanomaly

129.6300, -2.2826, -14.5845

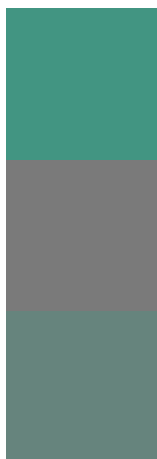
Deuteranomaly

130.8630, 1.0535, -11.2809

Tritanomaly

123.9880, 11.3449, -45.5935

Monochromacy



Original Color

122.0170, 3.9356, -49.1269

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2320, 1.3646, -17.7435

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0170, 3.9356, -49.1269 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(66, 149, 130)` looks like.

```
.text, #text, p{  
    color:rgb(66, 149, 130)  
}
```

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(66, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 149, 130) }
```

Border

The CSS property to change the border of an element to YUV 122.0170, 3.9356, -49.1269 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(66, 149, 130) }
```


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

```
.border{ border-color:rgb(66, 149, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(66, 149,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 122.0170, 3.9356, -49.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 149, 130) }
```

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

```
.background{ background-color: rgb(66, 149,  
130) }
```

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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