

Converting Colors

YUV(149.7690, 9.9739,
-72.5884)

Have a look what the booklet for
YUV(149.7690, 9.9739, -72.5884)
contains.

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Color

**YUV(149.7690, 9.9739,
-72.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	43BCAA
RGB	67, 188, 170
RGB Percent	26%, 74%, 67%
CMY	0.7373, 0.2627, 0.3333
CMYK	0.64, 0.00, 0.10, 0.26
HSL	171°, 47%, 50%
HSV	171°, 64%, 74%
XYZ	27.5537, 40.0620, 44.3107
YIQ	149.7690, -66.3380, -31.2500

Conversions

Conversions Part 2

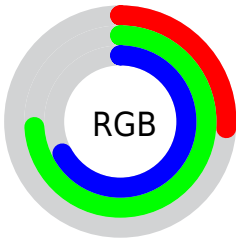
Format	Color
RYB	67, 132, 188
Decimal	4439210
CIELab	69.51, -37.68, -0.77
CIELCh	70, 37.686, 181.176
Yxy	40.0620, 0.2462, 0.3579
Android (android.graphics.Color)	4282629290 (0xFF43BCAA)
YUV	149.7690, 9.9739, -72.5884
Hunter-Lab	63.2946, -33.0601, 2.7989

Details

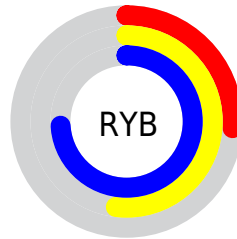
The YUV color **149.7690, 9.9739, -72.5884** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **105.2310, -9.9739, 72.5884**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7370, 8.5107, -69.9293**, and **92.1100, 12.7638, -80.7805** is the 20% darker color. If you saturate the color by 10%, you get **143.7460, 11.4642, -83.9692**, and if you desaturate by 10%, it is **155.7920, 8.4835, -61.2076**.

Distribution



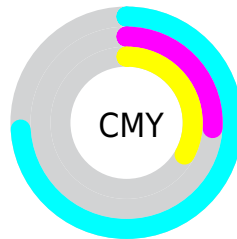
- Red (26%)
- Green (74%)
- Blue (67%)



- Red (26%)
- Yellow (52%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7690, 9.9739, -72.5884 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 149.7690, 9.9739, -72.5884 by changing the saturation by 10% instead.


 149.7690, 9.9739,
-72.5884


 149.7690, 9.9739,
-72.5884


255.0000, 0.0000,
0.0000


 118.9960, 12.3270,
-80.6805


 207.7370, 8.5107,
-69.9293

 92.1100, 12.7638,
-80.7805


 225.8830, 13.8617,
-59.5334


 73.9980, 9.3680,
-64.8962

 234.6680, 10.0237,
-41.8048

 56.7010, 6.5564,
-49.7268

 243.6380, 5.6015,
-23.3615

 40.1050, 3.8922,
-35.1721

 252.6080, 1.1793,
-4.9182

 25.3840, 0.7967,
-22.2618

 0.0000, 0.0000,

0.0000

■ 149.7690, 9.9739,
-72.5884

■ 149.7690, 9.9739,
-72.5884

■ 143.7460, 11.4642,
-83.9692

■ 155.7920, 8.4835,
-61.2076

■ 137.7230, 12.9546,
-95.3501

■ 161.8150, 6.9932,
-49.8268

■ 132.1130, 14.7343,
-106.2161

■ 167.4250, 5.2135,
-38.9607

■ 128.5960, 15.4822,
-112.7787

■ 173.4480, 3.7231,
-27.5799

■ 179.4710, 2.2328,
-16.1991

■ 185.4940, 0.7425,
-4.8182

■ 191.5170, -0.7479,
6.5626

■ 197.1270, -2.5276,
17.4286

■ 203.1500, -4.0179,
28.8095

Harmonies

Analogous

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



158.1850, -10.9372, -38.7502



149.7690, 9.9739, -72.5884



138.4070, 32.3373, -105.5969

Triad

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



149.7690, 9.9739, -72.5884



172.2370, 27.4912, 2.4232



169.7070, -28.9426, 43.2300

Complementary

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



149.7690, 9.9739, -72.5884



105.2310, -9.9739, 72.5884

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.



171.4710, -17.4872, 55.7149



149.7690, 9.9739, -72.5884



174.5910, 14.0056, 34.5617

Square

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



149.7690, 9.9739, -72.5884



165.1610, 35.9096, -37.8522



173.2870, -1.6205, 53.2453



167.2390, -32.6558, 20.8384

Rectangle

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



149.7690, 9.9739, -72.5884



144.9770, 37.9723, -92.9418



173.2870, -1.6205, 53.2453



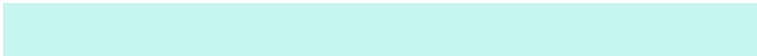
170.2500, -25.7592, 48.8927

Sweetspot

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



149.7690, 9.9739, -72.5884



230.1490, 3.8705, -28.1947



143.4090, -37.6696, -51.2247



113.1720, 2.3802, -16.8138



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



149.7690, 9.9739, -72.5884



185.2970, 15.6296, -113.3935



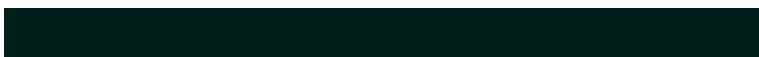
127.1670, 29.9907, -52.7665



91.1950, 0.8899, -5.4330



108.1360, 13.2440, -94.8353



21.1610, 2.3856, -18.5582

Inverse Universe

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



105.2310, -9.9739, 72.5884



115.7030, -15.6296, 113.3935



127.8330, -29.9907, 52.7665



87.8050, -0.8899, 5.4330



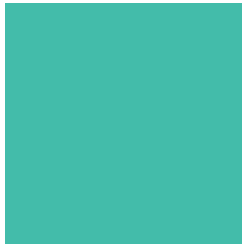
49.9780, -12.8072, 94.7353



9.8390, -2.3856, 18.5582

Previews

White Background



This preview shows how the YUV color 149.7690, 9.9739, -72.5884 looks on a white 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

Black Background



This preview shows how the YUV color 149.7690, 9.9739, -72.5884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

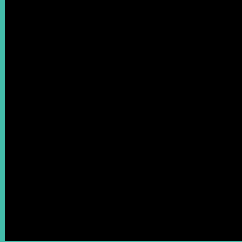
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.7690, 9.9739, -72.5884 Background



This preview shows how black text looks on a background with the YUV color 149.7690, 9.9739, -72.5884.



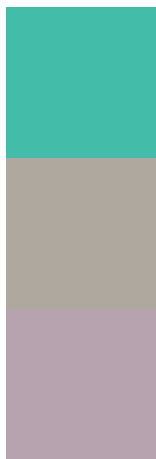
This preview shows how white text looks on a background with the YUV color 149.7690, 9.9739,

-72.5884.

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

149.7690, 9.9739, -72.5884

Protanopia

168.7680, -4.8156, 4.5885

Deuteranopia

170.0490, 2.4408, 10.4810



Tritanopia

154.6140, 21.8823, -65.4365

Trichromacy



Original Color

149.7690, 9.9739, -72.5884

Protanomaly

161.6720, 0.6547, -23.3913

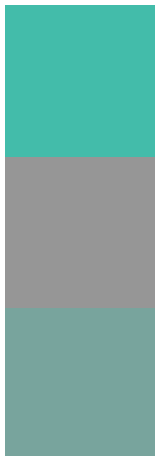
Deuteranomaly

162.5460, 5.1538, -19.7728

Tritanomaly

152.4520, 17.5252, -67.9254

Monochromacy



Original Color

149.7690, 9.9739, -72.5884

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0460, 3.4283, -26.3503

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7690, 9.9739, -72.5884 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(67, 188, 170)` looks like.

```
.text, #text, p{  
    color:rgb(67, 188, 170)  
}
```

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(67, 188, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 188, 170) }
```

Border

The CSS property to change the border of an element to YUV 149.7690, 9.9739, -72.5884 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(67, 188, 170) }
```


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

```
.border{ border-color:rgb(67, 188, 170) }
```

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

Here you see how a box with a 4 pixel rgb(67, 188, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 188, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 188, 170);  
box-shadow:4px 4px 4px 4px rgb(67, 188,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 149.7690, 9.9739, -72.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 188, 170) }
```

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

```
.background{ background-color: rgb(67, 188,  
170) }
```

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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