

Converting Colors

YUV(149.0890, 11.2951,
-76.3771)

Have a look what the booklet for
YUV(149.0890, 11.2951, -76.3771)
contains.

YUV(149.0890, 11.2951, -76.3771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(149.0890, 11.2951,
-76.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	3EBDAC
RGB	62, 189, 172
RGB Percent	24%, 74%, 67%
CMY	0.7569, 0.2588, 0.3255
CMYK	0.67, 0.00, 0.09, 0.26
HSL	172°, 51%, 49%
HSV	172°, 67%, 74%
XYZ	27.6306, 40.3979, 45.3710
YIQ	149.0890, -70.2350, -32.2110

Conversions

Conversions Part 2

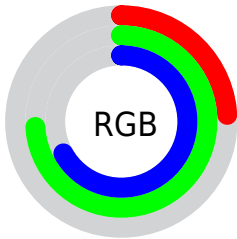
Format	Color
RYB	62, 130, 189
Decimal	4111788
CIELab	69.75, -38.40, -1.54
CIELCh	70, 38.428, 182.290
Yxy	40.3979, 0.2437, 0.3562
Android (android.graphics.Color)	4282301868 (0xFF3EBDAC)
YUV	149.0890, 11.2951, -76.3771
Hunter-Lab	63.5593, -33.6311, 2.1681

Details

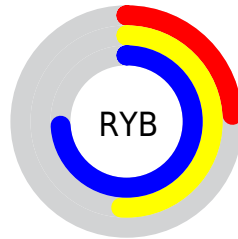
The YUV color **149.0890, 11.2951, -76.3771** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **101.9110, -11.2951, 76.3771**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6550, 9.5371, -72.4884**, and **92.9250, 13.3480, -81.4952** is the 20% darker color. If you saturate the color by 10%, you get **143.0660, 12.7855, -87.7579**, and if you desaturate by 10%, it is **155.1120, 9.8048, -64.9962**.

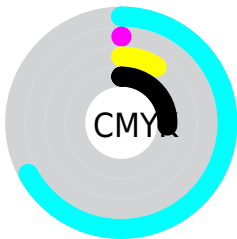
Distribution



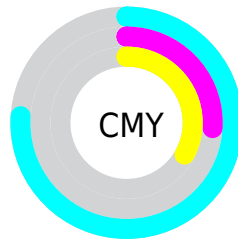
- Red (24%)
- Green (74%)
- Blue (67%)



- Red (24%)
- Yellow (51%)
- Blue (74%)



- Cyan (67%)
- Magenta (0%)
- Yellow (9%)
- Black (26%)





- Cyan (76%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.0890, 11.2951, -76.3771 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 149.0890, 11.2951, -76.3771 by changing the saturation by 10% instead.


 149.0890, 11.2951,
-76.3771


 149.0890, 11.2951,
-76.3771


255.0000, 0.0000,
0.0000

 116.1090, 14.2433,
-88.6726


 207.6550, 9.5371,
-72.4884

 92.9250, 13.3480,
-81.4952


 225.1000, 14.7407,
-61.4777


 74.8130, 9.9522,
-65.6110

 234.0700, 10.3185,
-43.0344

 57.5160, 7.1406,
-50.4415

 243.0400, 5.8963,
-24.5911

 40.8060, 4.0396,
-35.7869

 252.0100, 1.4741,
-6.1478

 26.0850, 0.9441,
-22.8765

 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 149.0890, 11.2951,
-76.3771

■ 149.0890, 11.2951,
-76.3771

■ 143.0660, 12.7855,
-87.7579

■ 155.1120, 9.8048,
-64.9962

■ 137.1570, 14.7126,
-99.2387

■ 161.0210, 7.8776,
-53.5154

■ 131.1340, 16.2029,
-110.6195

■ 167.0440, 6.3873,
-42.1346

■ 129.6390, 16.9400,
-113.6934

■ 172.9530, 4.4602,
-30.6538

■ 178.6770, 3.1172,
-19.8877

■ 184.5860, 1.1901,
-8.4069

■ 190.6090, -0.3002,
2.9739

■ 196.5180, -2.2274,
14.4547

■ 202.5410, -3.7177,
25.8355

Harmonies

Analogous

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



158.2880, -10.4950, -40.5946



149.0890, 11.2951, -76.3771



133.8400, 35.5749, -117.3777

Triad

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



149.0890, 11.2951, -76.3771



173.2480, 27.4857, 4.1675



170.3650, -30.2529, 43.5299

Complementary

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



149.0890, 11.2951, -76.3771



101.9110, -11.2951, 76.3771

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.



172.2430, -18.3608, 55.9149



149.0890, 11.2951, -76.3771



175.4880, 13.5634, 36.4060

Square

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



149.0890, 11.2951, -76.3771



165.9870, 36.4884, -36.8226



173.7710, -2.3521, 54.5748



167.7120, -33.3820, 20.4236

Rectangle

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



149.0890, 11.2951, -76.3771



144.4110, 39.7304, -96.8304



173.7710, -2.3521, 54.5748



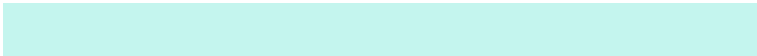
171.0220, -26.6328, 49.0927

Sweetspot

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



149.0890, 11.2951, -76.3771



229.5510, 4.1654, -29.4242



142.2300, -39.5534, -53.6987



112.8730, 2.5276, -17.4286



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.



149.0890, 11.2951, -76.3771



182.7200, 17.3930, -119.0264



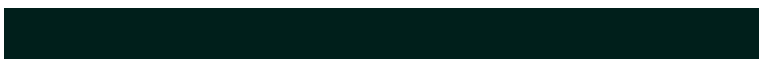
125.1990, 31.4539, -55.4255



91.1950, 0.8899, -5.4330



108.3640, 14.1175, -95.0352



21.2750, 2.8224, -18.6582

Inverse Universe

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



101.9110, -11.2951, 76.3771



109.1660, -17.8298, 119.1264



125.8010, -31.4539, 55.4255



87.8050, -0.8899, 5.4330



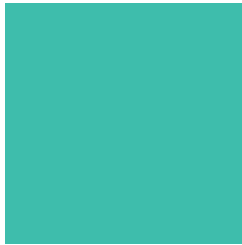
49.6360, -14.1175, 95.0352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 149.0890, 11.2951, -76.3771 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 149.0890, 11.2951, -76.3771 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

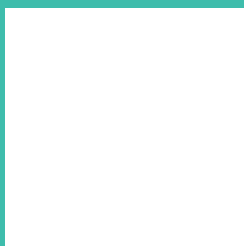
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.0890, 11.2951, -76.3771

Background



This preview shows how black text looks on a background with the YUV color 149.0890, 11.2951, -76.3771.



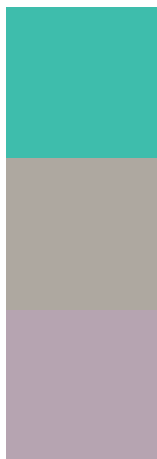
This preview shows how white text looks on a background with the YUV color 149.0890, 11.2951, -76.3771.

-76.3771.

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

149.0890, 11.2951, -76.3771

Protanopia

168.8820, -4.3788, 4.4885

Deuteranopia

170.8640, 3.0250, 9.7663



Tritanopia

153.8200, 22.7667, -69.1251

Trichromacy



Original Color

149.0890, 11.2951, -76.3771



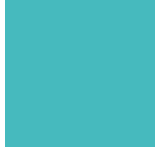
Protanomaly

161.7750, 1.0969, -25.2357



Deuteranomaly

162.7630, 6.0328, -21.7172



Tritanomaly

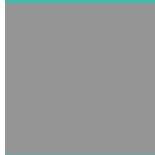
151.7720, 18.8464, -71.7140

Monochromacy



Original Color

149.0890, 11.2951, -76.3771



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1490, 3.8705, -28.1947

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0890, 11.2951, -76.3771 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(62, 189, 172)` looks like.

```
.text, #text, p{  
    color:rgb(62, 189, 172)  
}
```

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(62, 189, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 189, 172) }
```

Border

The CSS property to change the border of an element to YUV 149.0890, 11.2951, -76.3771 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(62, 189, 172) }
```


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

```
.border{ border-color:rgb(62, 189, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 189, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 189, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 189, 172);  
box-shadow:4px 4px 4px 4px rgb(62, 189,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 149.0890, 11.2951, -76.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 189, 172) }
```

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

```
.background{ background-color: rgb(62, 189,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor