

Converting Colors

YUV(149.6110, 9.5588,
-79.4658)

Have a look what the booklet for
YUV(149.6110, 9.5588, -79.4658)
contains.

YUV(149.6110, 9.5588, -79.4658)	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(149.6110, 9.5588,
-79.4658)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC0A9
RGB	59, 192, 169
RGB Percent	23%, 75%, 66%
CMY	0.7686, 0.2471, 0.3373
CMYK	0.69, 0.00, 0.12, 0.25
HSL	170°, 53%, 49%
HSV	170°, 69%, 75%
XYZ	27.8147, 41.4937, 44.0792
YIQ	149.6110, -71.8850, -35.3490

Conversions

Conversions Part 2

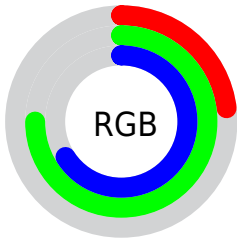
Format	Color
RYB	59, 132, 192
Decimal	3915945
CIELab	70.52, -40.98, 1.22
CIElCh	71, 40.994, 178.293
Yxy	41.4937, 0.2453, 0.3659
Android (android.graphics.Color)	4282106025 (0xFF3BC0A9)
YUV	149.6110, 9.5588, -79.4658
Hunter-Lab	64.4156, -35.6508, 4.5191

Details

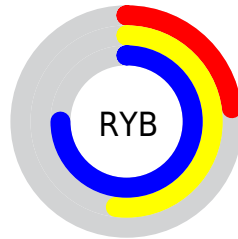
The YUV color **149.6110, 9.5588, -79.4658** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **101.3890, -9.5588, 79.4658**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4760, 7.6533, -74.9625**, and **94.3440, 11.1694, -82.7397** is the 20% darker color. If you saturate the color by 10%, you get **143.5880, 11.0491, -90.8467**, and if you desaturate by 10%, it is **155.6340, 8.0684, -68.0850**.

Distribution



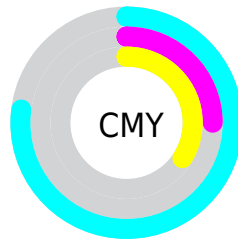
- Red (23%)
- Green (75%)
- Blue (66%)



- Red (23%)
- Yellow (52%)
- Blue (75%)



- Cyan (69%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (77%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6110, 9.5588, -79.4658 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 149.6110, 9.5588, -79.4658 by changing the saturation by 10% instead.

■ 149.6110, 9.5588,
-79.4658

■ 149.6110, 9.5588,
-79.4658

■ 255.0000, 0.0000,
0.0000

■ 113.4670, 14.5598,
-96.8796

■ 208.4760, 7.6533,
-74.9625

■ 94.3440, 11.1694,
-82.7397

■ 224.2740, 14.1619,
-62.5073

■ 76.2320, 7.7736,
-66.8555

■ 233.4720, 10.6133,
-44.2639

■ 58.3480, 5.2514,
-51.1712

■ 242.4420, 6.1911,
-25.8206

■ 41.7520, 2.5873,
-36.6165

■ 251.4120, 1.7689,
-7.3773

■ 27.0310, -0.5083,
-23.7062

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 149.6110, 9.5588,
-79.4658

■ 149.6110, 9.5588,
-79.4658

■ 143.5880, 11.0491,
-90.8467

■ 155.6340, 8.0684,
-68.0850

■ 137.4510, 12.1027,
-102.1275

■ 161.7710, 7.0149,
-56.8042

■ 131.1290, 13.7404,
-114.1231

■ 168.0930, 5.3772,
-44.8086

■ 130.8300, 13.8878,
-114.7379

■ 174.1160, 3.8868,
-33.4277

■ 180.2530, 2.8333,
-22.1469

■ 186.2760, 1.3429,
-10.7661

■ 192.2990, -0.1474,
0.6148

■ 198.7350, -1.3484,
12.5104

■ 204.7580, -2.8387,
23.8912

Harmonies

Analogous

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



160.0880, -13.8474, -38.6652



149.6110, 9.5588, -79.4658



135.7150, 35.1435, -119.0221

Triad

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



149.6110, 9.5588, -79.4658



175.1270, 30.9964, -1.8654



172.2840, -30.7060, 48.8629

Complementary

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



149.6110, 9.5588, -79.4658



101.3890, -9.5588, 79.4658

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.



174.2050, -17.3561, 60.3332



149.6110, 9.5588, -79.4658



177.1010, 17.2052, 34.9914

Square

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



149.6110, 9.5588, -79.4658



165.5450, 40.1573, -46.9590



176.0640, -0.0316, 56.9489



170.0500, -36.0136, 24.5122

Rectangle

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



149.6110, 9.5588, -79.4658



136.8210, 44.4582, -119.9920



176.0640, -0.0316, 56.9489



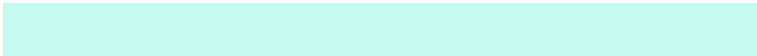
172.9410, -27.0859, 54.4257

Sweetspot

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



149.6110, 9.5588, -79.4658



233.1270, 3.8814, -31.6834



144.2470, -42.0268, -53.7136



115.1610, 2.3856, -18.5582



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.6110, 9.5588, -79.4658



183.7040, 14.9359, -124.2744



127.5790, 31.7596, -60.1438



93.7820, 0.6005, -5.9478



109.6690, 11.5022, -96.1797



22.4490, 2.2436, -19.6878

Inverse Universe

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



101.3890, -9.5588, 79.4658



108.2960, -14.9359, 124.2744



123.4210, -31.7596, 60.1438



90.2180, -0.6005, 5.9478



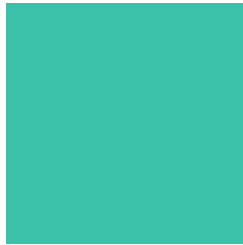
51.3310, -11.5022, 96.1797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 149.6110, 9.5588, -79.4658 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 149.6110, 9.5588, -79.4658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

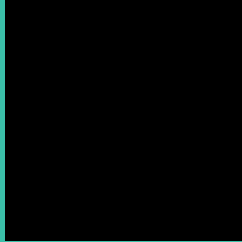
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

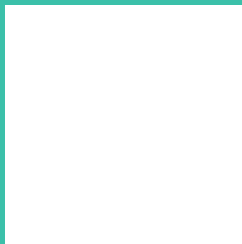
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.6110, 9.5588, -79.4658

Background



This preview shows how black text looks on a background with the YUV color 149.6110, 9.5588, -79.4658.



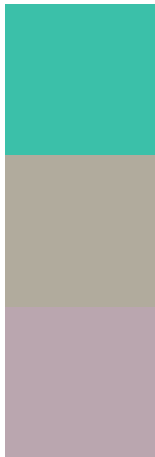
This preview shows how white text looks on a background with the YUV color 149.6110, 9.5588,

-79.4658.

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

149.6110, 9.5588, -79.4658

Protanopia

171.1980, -6.9996, 5.0884

Deuteranopia

173.0060, 0.9830, 11.3957



Tritanopia

155.5210, 22.9141, -69.7399

Trichromacy



Original Color

149.6110, 9.5588, -79.4658



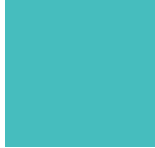
Protanomaly

163.4930, -1.2290, -25.8654



Deuteranomaly

164.3070, 4.2856, -21.3172



Tritanomaly

153.5330, 17.9782, -73.2584

Monochromacy



Original Color

149.6110, 9.5588, -79.4658



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7360, 3.5812, -28.7095

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6110, 9.5588, -79.4658 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(59, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(59, 192, 169)  
}
```

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(59, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 192, 169) }
```

Border

The CSS property to change the border of an element to YUV 149.6110, 9.5588, -79.4658 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(59, 192, 169) }
```


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

```
.border{ border-color:rgb(59, 192, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 192, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(59, 192,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 149.6110, 9.5588, -79.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 192, 169) }
```

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

```
.background{ background-color: rgb(59, 192,  
169) }
```

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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