

Converting Colors

YUV(149.7850, 5.5290,
-93.6504)

Have a look what the booklet for
YUV(149.7850, 5.5290, -93.6504)
contains.

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Color

**YUV(149.7850, 5.5290,
-93.6504)**

Conversions

Conversions Part 1

Format	Color
Hex	2BCAA1
RGB	43, 202, 161
RGB Percent	17%, 79%, 63%
CMY	0.8314, 0.2078, 0.3686
CMYK	0.79, 0.00, 0.20, 0.21
HSL	165°, 65%, 48%
HSV	165°, 79%, 79%
XYZ	28.5498, 45.3279, 40.9626
YIQ	149.7850, -81.6030, -46.4590

Conversions

Conversions Part 2

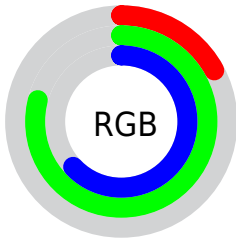
Format	Color
RYB	43, 134, 202
Decimal	2869921
CIELab	73.11, -49.23, 9.25
CIELCh	73, 50.089, 169.354
Yxy	45.3279, 0.2486, 0.3947
Android (android.graphics.Color)	4281060001 (0xFF2BCAA1)
YUV	149.7850, 5.5290, -93.6504
Hunter-Lab	67.3260, -42.1269, 11.0548

Details

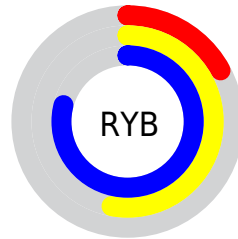
The YUV color **149.7850, 5.5290, -93.6504** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **95.2150, -5.5290, 93.6504**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6940, 3.6019, -82.1696**, and **98.7150, 5.0705, -86.5731** is the 20% darker color. If you saturate the color by 10%, you get **143.2350, 6.2931, -105.4461**, and if you desaturate by 10%, it is **156.3350, 4.7648, -81.8548**.

Distribution



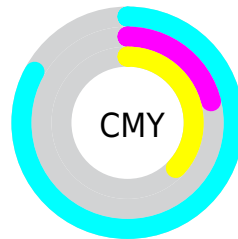
- Red (17%)
- Green (79%)
- Blue (63%)



- Red (17%)
- Yellow (53%)
- Blue (79%)



- Cyan (79%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)



- Cyan (83%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7850, 5.5290, -93.6504 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 149.7850, 5.5290, -93.6504 by changing the saturation by 10% instead.

■ 149.7850, 5.5290,
-93.6504

■ 149.7850, 5.5290,
-93.6504

■ 255.0000, 0.0000,
0.0000

■ 117.5280, 8.6137,
-103.0721

■ 208.6940, 3.6019,
-82.1696

■ 98.7150, 5.0705,
-86.5731

■ 221.1550, 11.2626,
-65.9109

■ 80.1300, 2.4009,
-70.2740

■ 231.6780, 11.4977,
-47.9526

■ 62.2460, -0.1213,
-54.5897

■ 240.6480, 7.0755,
-29.5093

■ 45.6500, -2.7854,
-40.0350

■ 249.9170, 2.5059,
-10.4512

■ 29.7550, -5.3022,
-26.0951

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 149.7850, 5.5290,
-93.6504

■ 149.7850, 5.5290,
-93.6504

■ 143.2350, 6.2931,
-105.4461

■ 156.3350, 4.7648,
-81.8548

■ 136.6850, 7.0573,
-117.2417

■ 162.8850, 4.0007,
-70.0591

■ 135.6740, 7.0627,
-118.9861

■ 169.8480, 3.5259,
-57.7487

■ 176.3980, 2.7618,
-45.9530

■ 182.9480, 1.9976,
-34.1574

■ 189.4980, 1.2335,
-22.3617

■ 196.0480, 0.4693,
-10.5661

■ 203.0110, -0.0054,
1.7444

■ 209.5610, -0.7696,
13.5400

Harmonies

Analogous

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



165.8790, -23.6043, -35.8509



149.7850, 5.5290, -93.6504



142.8730, 32.1076, -125.2996

Triad

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



149.7850, 5.5290, -93.6504



178.1510, 37.8866, -18.5494



179.4000, -33.2282, 64.5472

Complementary

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



149.7850, 5.5290, -93.6504



95.2150, -5.5290, 93.6504

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.



177.4000, -13.0152, 68.0552



149.7850, 5.5290, -93.6504



184.7120, 27.2570, 30.9476

Square

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



149.7850, 5.5290, -93.6504



155.5610, 49.0234, -90.8230



182.7580, 7.5143, 63.3562



176.4880, -43.6246, 39.0370

Rectangle

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



149.7850, 5.5290, -93.6504



144.8910, 44.9167, -127.0694



182.7580, 7.5143, 63.3562



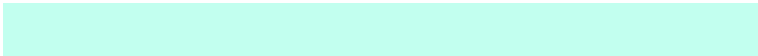
178.4310, -26.8345, 67.1510

Sweetspot

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



149.7850, 5.5290, -93.6504



234.9370, 2.0031, -35.9017



148.8910, -52.2043, -56.0324



115.7970, 1.0861, -21.7470



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.7850, 5.5290, -93.6504



176.1720, 8.2962, -141.3478



132.7400, 34.1452, -78.7020



98.6680, 0.1637, -5.8478



111.4640, 5.6872, -97.7539



25.4980, 1.2335, -22.3617

Inverse Universe

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



95.2150, -5.5290, 93.6504



93.8280, -8.2962, 141.3478



112.2600, -34.1452, 78.7020



95.2180, -0.6005, 5.9478



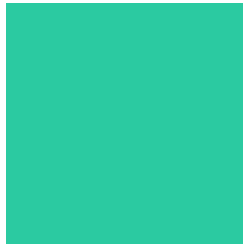
54.5360, -5.6872, 97.7539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 149.7850, 5.5290, -93.6504 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 149.7850, 5.5290, -93.6504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

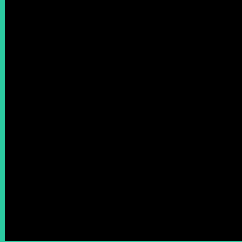
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

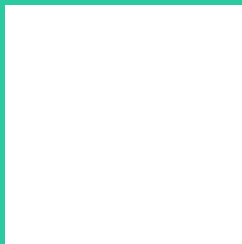
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.7850, 5.5290, -93.6504

Background



This preview shows how black text looks on a background with the YUV color 149.7850, 5.5290, -93.6504.



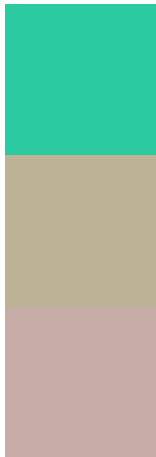
This preview shows how white text looks on a background with the YUV color 149.7850, 5.5290,

-93.6504.

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

149.7850, 5.5290, -93.6504

Protanopia

177.6840, -14.1412, 9.0471

Deuteranopia

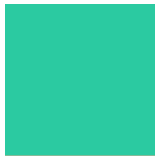
179.6170, -5.7272, 16.9989



Tritanopia

160.3460, 24.9724, -76.6024

Trichromacy



Original Color

149.7850, 5.5290, -93.6504



Protanomaly

167.5760, -7.1860, -28.5692



Deuteranomaly

168.6890, -1.8187, -23.4063



Tritanomaly

156.7660, 17.8634, -83.1098

Monochromacy



Original Color

149.7850, 5.5290, -93.6504



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9480, 1.9976, -34.1574

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7850, 5.5290, -93.6504 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(43, 202, 161)` looks like.

```
.text, #text, p{  
    color:rgb(43, 202, 161)  
}
```

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(43, 202, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 202, 161) }
```

Border

The CSS property to change the border of an element to YUV 149.7850, 5.5290, -93.6504 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(43, 202, 161) }
```


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

```
.border{ border-color:rgb(43, 202, 161) }
```

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

Here you see how a box with a 4 pixel rgb(43, 202, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 202, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 202, 161);  
box-shadow:4px 4px 4px 4px rgb(43, 202,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 149.7850, 5.5290, -93.6504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 202, 161) }
```

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

```
.background{ background-color: rgb(43, 202,  
161) }
```

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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