

Converting Colors

YUV(155.4870, 0.7459,
-99.5281)

Have a look what the booklet for
YUV(155.4870, 0.7459, -99.5281)
contains.

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Color

**YUV(155.4870, 0.7459,
-99.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	2AD59D
RGB	42, 213, 157
RGB Percent	16%, 84%, 62%
CMY	0.8353, 0.1647, 0.3843
CMYK	0.80, 0.00, 0.26, 0.16
HSL	160°, 67%, 50%
HSV	160°, 80%, 84%
XYZ	30.8349, 50.5151, 40.0235
YIQ	155.4870, -83.9400, -53.6680

Conversions

Conversions Part 2

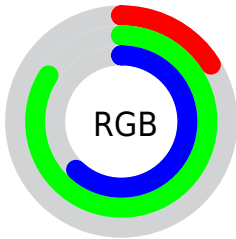
Format	Color
R _Y B	42, 144, 213
Decimal	2807197
CIE Lab	76.38, -54.65, 16.02
CIE LCh	76, 56.945, 163.665
Yxy	50.5151, 0.2540, 0.4162
Android (android.graphics.Color)	4280997277 (0xFF2AD59D)
YUV	155.4870, 0.7459, -99.5281
Hunter-Lab	71.0739, -46.9385, 16.3641

Details

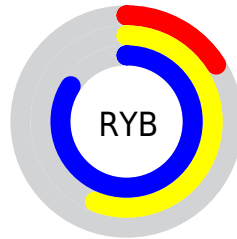
The YUV color **155.4870, 0.7459, -99.5281** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **99.5130, -0.7459, 99.5281**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8360, 1.5599, -80.5402**, and **104.2430, 0.8662, -91.4211** is the 20% darker color. If you saturate the color by 10%, you get **148.4100, 0.7839, -111.7386**, and if you desaturate by 10%, it is **162.5640, 0.7079, -87.3176**.

Distribution



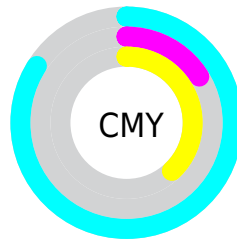
- Red (16%)
- Green (84%)
- Blue (62%)



- Red (16%)
- Yellow (56%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.4870, 0.7459, -99.5281 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 155.4870, 0.7459, -99.5281 by changing the saturation by 10% instead.

155.4870, 0.7459,
-99.5281

155.4870, 0.7459,
-99.5281

255.0000, 0.0000,
0.0000

123.5290, 3.6832,
-108.3349

208.8360, 1.5599,
-80.5402

104.2430, 0.8662,
-91.4211

221.2970, 9.2206,
-64.2815

85.5440, -2.2402,
-75.0221

232.2760, 11.2029,
-46.7231

67.6600, -4.7624,
-59.3378

241.5450, 6.6333,
-27.6650

49.8900, -6.8478,
-43.7535

250.8140, 2.0637,
-8.6069

33.4080, -9.0751,
-29.2988

17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 155.4870, 0.7459,
-99.5281

■ 155.4870, 0.7459,
-99.5281

■ 148.4100, 0.7839,
-111.7386

■ 162.5640, 0.7079,
-87.3176

■ 141.3330, 0.8218,
-123.9490

■ 169.9400, 0.5226,
-74.4924


■ 177.0170, 0.4846,
-62.2819

■ 184.0940, 0.4467,
-50.0714

■ 191.4700, 0.2613,
-37.2462

 198.5470, 0.2233,
-25.0357

 205.6240, 0.1854,
-12.8252

 212.7010, 0.1474,
-0.6148

 220.0770, -0.0380,
12.2105

Harmonies

Analogous

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



174.3110, -32.1983, -32.7217



155.4870, 0.7459, -99.5281



150.3730, 30.3821, -131.8771

Triad

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



155.4870, 0.7459, -99.5281



180.7100, 36.6250, -33.9487



181.2690, -31.1916, 64.6621

Complementary

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



155.4870, 0.7459, -99.5281



99.5130, -0.7459, 99.5281

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.



179.6970, -6.7526, 66.0407



155.4870, 0.7459, -99.5281



192.6020, 30.7622, 26.6590

Square

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



155.4870, 0.7459, -99.5281



147.6440, 52.9265, -129.4838



187.5000, 15.5295, 59.1975



185.0720, -49.3355, 50.8029

Rectangle

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



155.4870, 0.7459, -99.5281



152.9610, 45.3752, -134.1468



187.5000, 15.5295, 59.1975



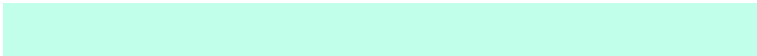
180.0440, -23.1927, 65.7364

Sweetspot

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



155.4870, 0.7459, -99.5281



234.4810, 0.2559, -35.5018



159.4200, -57.8881, -52.9883



115.4550, -0.2243, -21.4470



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.



155.4870, 0.7459, -99.5281



172.6250, 1.1709, -142.6221



144.8480, 33.5989, -90.1977



103.3690, 0.3111, -6.4626



113.4870, 0.7459, -99.5281



28.5470, 0.2233, -25.0357

Inverse Universe

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



99.5130, -0.7459, 99.5281



92.3750, -1.1709, 142.6221



109.5650, -33.3095, 90.7125



99.7450, 0.1257, 6.3626



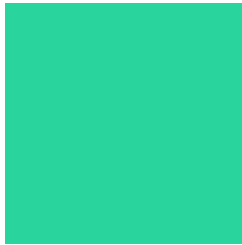
57.5130, -0.7459, 99.5281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 155.4870, 0.7459, -99.5281 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 155.4870, 0.7459, -99.5281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

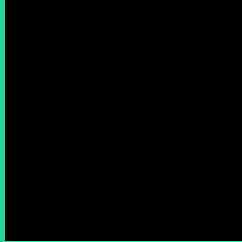
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

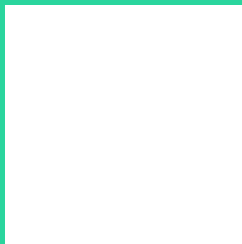
Any Text WCAG AAA ✓ Pass

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

YUV 155.4870, 0.7459, -99.5281 Background



This preview shows how black text looks on a background with the YUV color 155.4870, 0.7459, -99.5281.

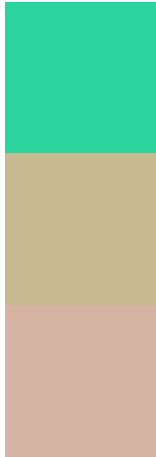


This preview shows how white text looks on a background with the YUV color 155.4870, 0.7459, -99.5281.

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

155.4870, 0.7459, -99.5281

Protanopia

185.0990, -20.2618, 12.1912

Deuteranopia

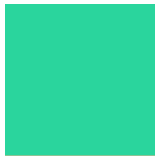
188.0430, -11.8532, 21.8873



Tritanopia

169.1500, 25.5621, -79.0615

Trichromacy



Original Color

155.4870, 0.7459, -99.5281



Protanomaly

174.4960, -12.5695, -28.4990



Deuteranomaly

176.2070, -7.4971, -22.1065



Tritanomaly

164.4020, 16.5638, -86.2986

Monochromacy



Original Color

155.4870, 0.7459, -99.5281



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1820, 0.4033, -36.1166

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.4870, 0.7459, -99.5281 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(42, 213, 157)` looks like.

```
.text, #text, p{  
    color:rgb(42, 213, 157)  
}
```

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(42, 213, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 213, 157) }
```

Border

The CSS property to change the border of an element to YUV 155.4870, 0.7459, -99.5281 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(42, 213, 157) }
```


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

```
.border{ border-color:rgb(42, 213, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 213, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 213, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 213, 157);  
box-shadow:4px 4px 4px 4px rgb(42, 213,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 155.4870, 0.7459, -99.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 213, 157) }
```

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

```
.background{ background-color: rgb(42, 213,  
157) }
```

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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