

Converting Colors

YUV(129.5590, 11.5564,
-113.6232)

Have a look what the booklet for
YUV(129.5590, 11.5564, -113.6232)
contains.

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Color

**YUV(129.5590, 11.5564,
-113.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF99
RGB	0, 191, 153
RGB Percent	0%, 75%, 60%
CMY	1.0000, 0.2510, 0.4000
CMYK	1.00, 0.00, 0.20, 0.25
HSL	168°, 100%, 37%
HSV	168°, 100%, 75%
XYZ	24.3806, 39.5615, 36.4881
YIQ	129.5590, -101.6380, -52.3100

Conversions

Conversions Part 2

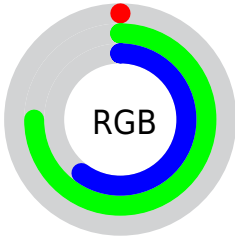
Format	Color
RYB	0, 106, 191
Decimal	49049
CIELab	69.16, -49.36, 7.90
CIELCh	69, 49.989, 170.905
Yxy	39.5615, 0.2428, 0.3939
Android (android.graphics.Color)	4278239129 (0xFF00BF99)
YUV	129.5590, 11.5564, -113.6232
Hunter-Lab	62.8979, -40.8810, 9.6334

Details

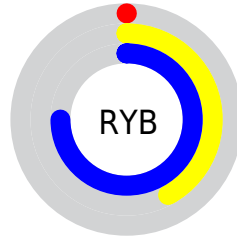
The YUV color **129.5590, 11.5564, -113.6232** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **61.4410, -11.5564, 113.6232**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7750, 4.0549, -87.5027**, and **91.4600, 5.1962, -80.2104** is the 20% darker color. If you saturate the color by 10%, you get **129.5590, 11.5564, -113.6232**, and if you desaturate by 10%, it is **135.6960, 10.5029, -102.3424**.

Distribution



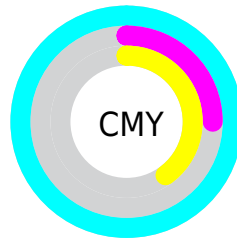
- Red (0%)
- Green (75%)
- Blue (60%)



- Red (0%)
- Yellow (42%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5590, 11.5564, -113.6232 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 129.5590, 11.5564, -113.6232 by changing the saturation by 10% instead.

■ 129.5590, 11.5564,
-113.6232

■ 129.5590, 11.5564,
-113.6232

■ 255.0000, 0.0000,
0.0000

■ 110.1590, 8.3026,
-96.6094

■ 198.7750, 4.0549,
-87.5027

■ 91.4600, 5.1962,
-80.2104

■ 215.7580, 9.9793,
-74.3328

■ 73.4620, 2.2372,
-64.4262

■ 227.1930, 13.7089,
-57.1743

■ 56.1650, -0.5743,
-49.2567

■ 236.1630, 9.2866,
-38.7310

■ 39.0960, -2.5123,
-34.2872

■ 245.4320, 4.7170,
-19.6729

■ 23.6740, -5.7553,
-20.7621

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 129.5590, 11.5564,
-113.6232

■ 135.6960, 10.5029,
-102.3424

■ 141.8330, 9.4493,
-91.0615

■ 147.8560, 7.9590,
-79.6807

■ 153.9930, 6.9055,
-68.3999

■ 160.4290, 5.7045,
-56.5042

■ 166.5660, 4.6510,
-45.2234

■ 172.7030, 3.5974,
-33.9425

■ 178.7260, 2.1071,
-22.5617

■ 184.8630, 1.0535,
-11.2809

Harmonies

Analogous

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



154.9110, -22.1411, -38.5099



129.5590, 11.5564, -113.6232



135.5040, 31.7965, -118.8370

Triad

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



129.5590, 11.5564, -113.6232



168.7860, 41.5175, -16.4753



167.9760, -33.5122, 62.2880

Complementary

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



129.5590, 11.5564, -113.6232



61.4410, -11.5564, 113.6232

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.



169.2760, -14.9261, 74.3029



129.5590, 11.5564, -113.6232



173.9680, 25.6518, 32.4771

Square

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



129.5590, 11.5564, -113.6232



145.5160, 53.9756, -92.5375



172.1280, 6.3459, 64.7857



166.0640, -43.9086, 36.7779

Rectangle

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



129.5590, 11.5564, -113.6232



136.8210, 44.4582, -119.9920



172.1280, 6.3459, 64.7857



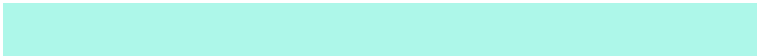
168.8010, -28.0029, 68.5805

Sweetspot

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



129.5590, 11.5564, -113.6232



223.2780, 4.7929, -44.0938



123.4790, -60.8751, -74.9651



110.5190, 2.7021, -26.7652



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.



129.5590, 11.5564, -113.6232



167.5610, 15.0064, -146.9510



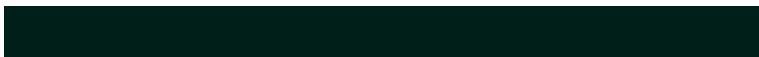
100.4320, 44.6500, -88.0789



91.0810, 0.4531, -5.3330



107.2240, 9.7496, -94.0354



21.0470, 1.9488, -18.4582

Inverse Universe

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



61.4410, -11.5564, 113.6232



79.4390, -15.0064, 146.9510



90.5680, -44.6500, 88.0789



87.9190, -0.4531, 5.3330



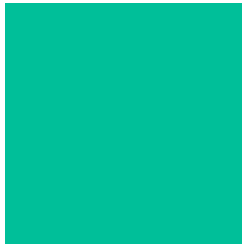
50.7760, -9.7496, 94.0354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 129.5590, 11.5564, -113.6232 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 129.5590, 11.5564, -113.6232 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 129.5590, 11.5564, -113.6232 Background



This preview shows how black text looks on a background with the YUV color 129.5590, 11.5564, -113.6232.

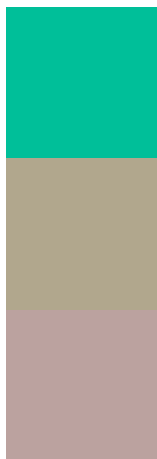


This preview shows how white text looks on a background with the YUV color 129.5590, 11.5564, -113.6232.

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

129.5590, 11.5564, -113.6232

Protanopia

167.0260, -12.8308, 8.7472

Deuteranopia

169.1330, -4.9956, 15.6694



Tritanopia

148.7370, 25.2727, -79.5763

Trichromacy



Original Color

129.5590, 11.5564, -113.6232



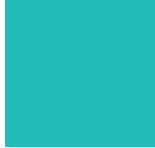
Protanomaly

153.6290, -4.2541, -35.6316



Deuteranomaly

155.0300, 0.9712, -31.5983



Tritanomaly

141.6940, 20.3639, -91.8166

Monochromacy



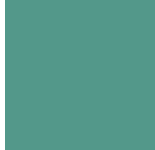
Original Color

129.5590, 11.5564, -113.6232



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.7730, 4.0559, -41.0199

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5590, 11.5564, -113.6232 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(0, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 153)  
}
```

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(0, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 153) }
```

Border

The CSS property to change the border of an element to YUV 129.5590, 11.5564, -113.6232 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(0, 191, 153) }
```


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

```
.border{ border-color:rgb(0, 191, 153) }
```

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

Here you see how a box with a 4 pixel rgb(0, 191, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 129.5590, 11.5564, -113.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 153) }
```

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

```
.background{ background-color: rgb(0, 191,  
153) }
```

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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