

Converting Colors

YUV(125.6950, 11.9824,
-110.2345)

Have a look what the booklet for
YUV(125.6950, 11.9824, -110.2345)
contains.

YUV(125.6950, 11.9824, -110.2345)	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(125.6950, 11.9824,
-110.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	00B996
RGB	0, 185, 150
RGB Percent	0%, 73%, 59%
CMY	1.0000, 0.2745, 0.4118
CMYK	1.00, 0.00, 0.19, 0.27
HSL	169°, 100%, 36%
HSV	169°, 100%, 73%
XYZ	22.8540, 36.8999, 34.7720
YIQ	125.6950, -99.0250, -50.1050

Conversions

Conversions Part 2

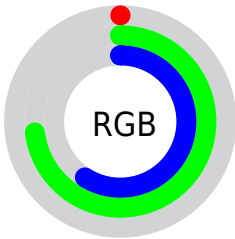
Format	Color
RYB	0, 102, 185
Decimal	47510
CIELab	67.20, -47.71, 6.75
CIELCh	67, 48.186, 171.952
Yxy	36.8999, 0.2418, 0.3904
Android (android.graphics.Color)	4278237590 (0xFF00B996)
YUV	125.6950, 11.9824, -110.2345
Hunter-Lab	60.7453, -39.1479, 8.5827

Details

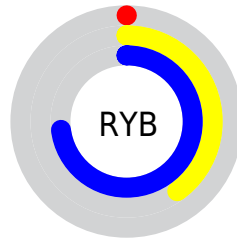
The YUV color **125.6950, 11.9824, -110.2345** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **59.3050, -11.9824, 110.2345**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3130, 4.7757, -85.3435**, and **88.1830, 5.3328, -77.3365** is the 20% darker color. If you saturate the color by 10%, you get **125.6950, 11.9824, -110.2345**, and if you desaturate by 10%, it is **131.4190, 10.6394, -99.4685**.

Distribution



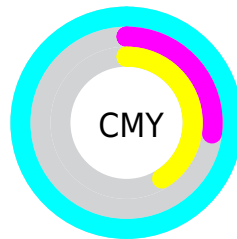
- Red (0%)
- Green (73%)
- Blue (59%)



- Red (0%)
- Yellow (40%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)




- Cyan (100%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.6950, 11.9824, -110.2345 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 125.6950, 11.9824, -110.2345 by changing the saturation by 10% instead.


 125.6950, 11.9824,
-110.2345


 125.6950, 11.9824,
-110.2345


255.0000, 0.0000,
0.0000

 106.2950, 8.7286,
-93.2207


 194.3130, 4.7757,
-85.3435

 88.1830, 5.3328,
-77.3365


 214.7040, 8.5269,
-75.1624

 70.1850, 2.3738,
-61.5522


 226.5950, 14.0037,
-58.4038

 52.4150, 0.2884,
-45.9680

 235.5650, 9.5815,
-39.9605

 35.9330, -1.9390,
-31.5132

 244.8340, 5.0118,
-20.9024

 20.2830, -6.0555,
-17.7882

 253.8040, 0.5896,

 0.0000, 0.0000,

-2.4591

0.0000

■ 125.6950, 11.9824,
-110.2345

■ 131.4190, 10.6394,
-99.4685

■ 137.5560, 9.5859,
-88.1876

■ 143.5790, 8.0956,
-76.8068

■ 149.4170, 7.1894,
-66.1407

■ 155.4400, 5.6991,
-54.7599

■ 161.2780, 4.7929,
-44.0938

■ 167.3010, 3.3026,
-32.7130

■ 173.1390, 2.3965,
-22.0469

■ 179.1620, 0.9061,
-10.6661

Harmonies

Analogous

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



149.6660, -20.5413, -38.2951



125.6950, 11.9824, -110.2345



130.8250, 31.6383, -114.7335

Triad

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



125.6950, 11.9824, -110.2345



164.2270, 39.3281, -14.2311



162.8940, -32.4857, 59.7290

Complementary

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



125.6950, 11.9824, -110.2345



59.3050, -11.9824, 110.2345

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.



164.1400, -15.3520, 70.9142



125.6950, 11.9824, -110.2345



168.6260, 24.3414, 32.7770

Square

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



125.6950, 11.9824, -110.2345



144.3000, 51.6171, -82.7011



166.4760, 5.1883, 62.7265



160.6230, -41.7191, 34.5336

Rectangle

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



125.6950, 11.9824, -110.2345



132.5010, 43.1370, -116.2034



166.4760, 5.1883, 62.7265



163.3060, -27.2659, 65.5066

Sweetspot

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



125.6950, 11.9824, -110.2345



216.8760, 4.4981, -42.8643



119.6580, -58.9914, -72.4911



106.2310, 2.8441, -25.6356



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



125.6950, 11.9824, -110.2345



162.9960, 15.2850, -142.9475



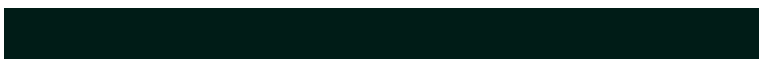
96.8130, 43.4762, -84.9050



89.0810, 0.4531, -5.3330



105.9360, 9.8916, -92.9059



19.0580, 1.9434, -16.7139

Inverse Universe

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



59.3050, -11.9824, 110.2345



76.8900, -15.7218, 143.0475



88.1870, -43.4762, 84.9050



85.8050, -0.8899, 5.4330



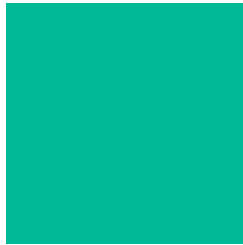
49.9500, -10.3283, 93.0059



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 125.6950, 11.9824, -110.2345 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 125.6950, 11.9824, -110.2345 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 125.6950, 11.9824, -110.2345 Background



This preview shows how black text looks on a background with the YUV color 125.6950, 11.9824, -110.2345.

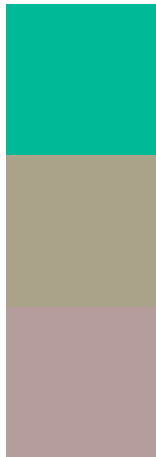


This preview shows how white text looks on a background with the YUV color 125.6950, 11.9824, -110.2345.

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

125.6950, 11.9824, -110.2345

Protanopia

161.9550, -11.8098, 7.9325

Deuteranopia

163.7630, -3.8272, 14.2398



Tritanopia

143.6340, 24.8304, -77.7320

Trichromacy



Original Color

125.6950, 11.9824, -110.2345



Protanomaly

148.5690, -3.2385, -34.7020



Deuteranomaly

149.9700, 1.9868, -30.6687



Tritanomaly

137.0040, 20.2110, -89.4575

Monochromacy



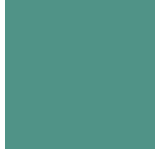
Original Color

125.6950, 11.9824, -110.2345



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.5990, 4.6347, -39.9903

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6950, 11.9824, -110.2345 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, 185, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 150)  
}
```

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, 185, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 150) }
```

Border

The CSS property to change the border of an element to YUV 125.6950, 11.9824, -110.2345 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, 185, 150) }
```


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

```
.border{ border-color:rgb(0, 185, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 185, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 185, 150); box-shadow:4px 4px 4px 4px rgb(0, 185, 150) }
```

Background

The CSS property to change the background color of an element to YUV 125.6950, 11.9824, -110.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 150) }
```

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

```
.background{ background-color: rgb(0, 185,  
150) }
```

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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