

Converting Colors

YUV(125.9450, -7.3679,
-110.4538)

Have a look what the booklet for
YUV(125.9450, -7.3679, -110.4538)
contains.

YUV(125.9450, -7.3679, -110.4538)	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>	30

Color

**YUV(125.9450, -7.3679,
-110.4538)**

Conversions

Conversions Part 1

Format	Color
Hex	00C16F
RGB	0, 193, 111
RGB Percent	0%, 76%, 44%
CMY	1.0000, 0.2431, 0.5647
CMYK	1.00, 0.00, 0.42, 0.24
HSL	155°, 100%, 38%
HSV	155°, 100%, 76%
XYZ	21.9392, 39.2876, 21.4659
YIQ	125.9450, -88.7060, -66.4180

Conversions

Conversions Part 2

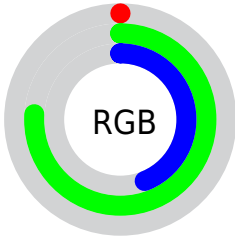
Format	Color
RYB	0, 123, 193
Decimal	49519
CIELab	68.96, -59.49, 30.08
CIElCh	69, 66.663, 153.178
Yxy	39.2876, 0.2653, 0.4751
Android (android.graphics.Color)	4278239599 (0xFF00C16F)
YUV	125.9450, -7.3679, -110.4538
Hunter-Lab	62.6798, -47.2111, 23.5709

Details

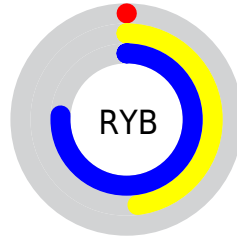
The YUV color **125.9450, -7.3679, -110.4538** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **67.0550, 7.3679, 110.4538**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3350, -15.4482, -85.3628**, and **88.0740, -12.8545, -77.2409** is the 20% darker color. If you saturate the color by 10%, you get **125.9450, -7.3679, -110.4538**, and if you desaturate by 10%, it is **132.5380, -6.6742, -99.5728**.

Distribution



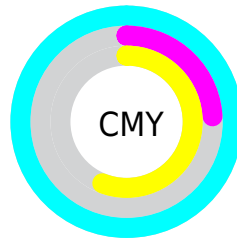
- Red (0%)
- Green (76%)
- Blue (44%)



- Red (0%)
- Yellow (48%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.9450, -7.3679, -110.4538 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 125.9450, -7.3679, -110.4538 by changing the saturation by 10% instead.

■ 125.9450, -7.3679,
-110.4538

■ 125.9450, -7.3679,
-110.4538

■ 255.0000, 0.0000,
0.0000

■ 106.6590,
-10.1849, -93.5399

■ 195.3350,
-15.4482, -85.3628

■ 88.0740, -12.8545,
-77.2409

■ 210.3290, -9.5292,
-70.4485

■ 69.4890, -15.5241,
-60.9419

■ 222.7900, -1.8685,
-54.1898

■ 52.0780, -18.7725,
-45.6724

■ 235.3650, 6.2291,
-38.0311

■ 35.8070, -17.6529,
-31.4027

■ 245.1330, 4.8644,
-20.2876

■ 21.7190, -10.7075,
-19.0476

■ 254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 125.9450, -7.3679,
-110.4538

■ 132.5380, -6.6742,
-99.5728

■ 139.4300, -6.1280,
-88.0771

■ 146.1370, -4.9975,
-77.2961

■ 152.7300, -4.3039,
-66.4152

■ 159.6220, -3.7576,
-54.9195

■ 166.2150, -3.0640,
-44.0386

■ 172.8080, -2.3703,
-33.1576

■ 179.5150, -1.2399,
-22.3767

■ 186.4070, -0.6937,
-10.8809

Harmonies

Analogous

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



153.7890, -47.2240, -19.9860



125.9450, -7.3679, -110.4538



135.3610, 18.5560, -118.7116

Triad

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



125.9450, -7.3679, -110.4538



130.6210, 61.3188, -114.5546



159.3560, -26.3045, 83.8798

Complementary

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



125.9450, -7.3679, -110.4538



67.0550, 7.3679, 110.4538

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.



159.5110, 2.2131, 83.7439



125.9450, -7.3679, -110.4538



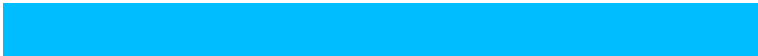
169.7550, 42.0258, 7.2309

Square

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



125.9450, -7.3679, -110.4538



140.0130, 56.6886, -122.7914



171.2910, 25.9855, 65.5198



163.9710, -52.7367, 68.4314

Rectangle

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



125.9450, -7.3679, -110.4538



140.0350, 36.4647, -122.8107



171.2910, 25.9855, 65.5198



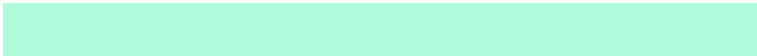
157.8860, -16.7058, 85.1690

Sweetspot

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



125.9450, -7.3679, -110.4538



223.9270, -2.9220, -42.9090



138.4070, -68.2347, -47.7149



109.3790, -1.6658, -25.7654



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.



125.9450, -7.3679, -110.4538



163.1660, -9.4488, -143.0966



127.6620, 32.2116, -111.9596



93.5540, -0.2731, -5.7479



104.9950, -6.4065, -92.0806



21.5370, -1.2507, -18.8879

Inverse Universe

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



67.0550, 7.3679, 110.4538



86.8340, 9.4488, 143.0966



65.3380, -32.2116, 111.9596



90.4460, 0.2731, 5.7479



55.8910, 5.9697, 92.1806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 125.9450, -7.3679, -110.4538 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 125.9450, -7.3679, -110.4538 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 125.9450, -7.3679, -110.4538 Background



This preview shows how black text looks on a background with the YUV color 125.9450, -7.3679, -110.4538.



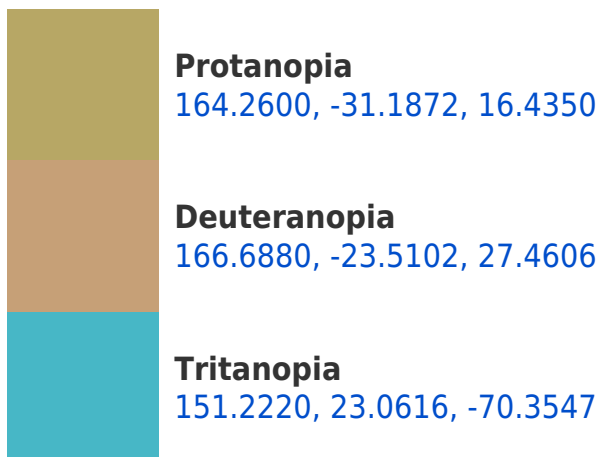
This preview shows how white text looks on a background with the YUV color 125.9450, -7.3679, -110.4538.

-110.4538.

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



Trichromacy



Protanomaly

149.9660, -22.1682, -29.7882

Deuteranomaly

151.8620, -17.6800, -22.6810

Tritanomaly

142.1480, 11.7590, -85.1988

Monochromacy



Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7640, -2.3487, -40.1350

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.9450, -7.3679, -110.4538 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, 193, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 111)  
}
```

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, 193, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 111) }
```

Border

The CSS property to change the border of an element to YUV 125.9450, -7.3679, -110.4538 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, 193, 111) }
```

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

```
.border{ border-color:rgb(0, 193, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
111) }
```


Background

The CSS property to change the background color of an element to YUV 125.9450, -7.3679, -110.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 111) }
```

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

```
.background{ background-color: rgb(0, 193,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor