

# Converting Colors

YUV(134.5160, 10.0986,  
-112.7085)

Have a look what the booklet for  
YUV(134.5160, 10.0986, -112.7085)  
contains.

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# Color

**YUV(134.5160, 10.0986,  
-112.7085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06C49B
RGB	6, 196, 155
RGB Percent	2%, 77%, 61%
CMY	0.9765, 0.2314, 0.3922
CMYK	0.97, 0.00, 0.21, 0.23
HSL	167°, 94%, 40%
HSV	167°, 97%, 77%
XYZ	25.7314, 41.8851, 37.7388
YIQ	134.5160, -100.0790, -53.0310

# Conversions

## Conversions Part 2

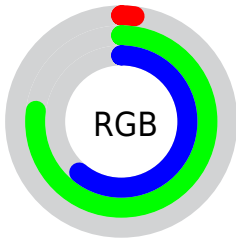
Format	Color
<a href="#">RYB</a>	<a href="#">6, 112, 196</a>
Decimal	<a href="#">443547</a>
CIELab	<a href="#">70.79, -50.65, 9.15</a>
CIELCh	<a href="#">71, 51.469, 169.757</a>
Yxy	<a href="#">41.8851, 0.2442, 0.3976</a>
Android (android.graphics.Color)	<a href="#">4278633627</a> ( <a href="#">0xFF06C49B</a> )
YUV	<a href="#">134.5160, 10.0986, -112.7085</a>
Hunter-Lab	<a href="#">64.7187, -42.2882, 10.7299</a>

# Details

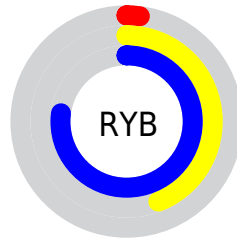
The YUV color **134.5160, 10.0986, -112.7085** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **67.4840, -10.0986, 112.7085**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1230, 2.8974, -89.5619**, and **94.6230, 4.6229, -82.9844** is the 20% darker color. If you saturate the color by 10%, you get **132.6080, 10.5463, -116.2972**, and if you desaturate by 10%, it is **140.9520, 8.8977, -100.8129**.

# Distribution



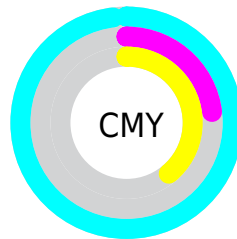
- Red (2%)
- Green (77%)
- Blue (61%)



- Red (2%)
- Yellow (44%)
- Blue (77%)



- Cyan (97%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (98%)
- Magenta (23%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.5160, 10.0986, -112.7085 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 134.5160, 10.0986, -112.7085 by changing the saturation by 10% instead.



■ 134.5160, 10.0986,  
-112.7085

■ 134.5160, 10.0986,  
-112.7085

■ 255.0000, 0.0000,  
0.0000

■ 113.3220, 7.7293,  
-99.3834

■ 203.1230, 2.8974,  
-89.5619

■ 94.6230, 4.6229,  
-82.9844

■ 216.5840, 10.5581,  
-73.3032

■ 76.6250, 1.6639,  
-67.2001

■ 227.7910, 13.4140,  
-55.9447

■ 58.7410, -0.8583,  
-51.5159

■ 237.0600, 8.8444,  
-36.8866

■ 41.5580, -3.2331,  
-36.4464

■ 246.3290, 4.2748,  
-17.8285

■ 26.2500, -6.0393,  
-23.0212

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,  
0.0000

■ 134.5160, 10.0986,  
-112.7085

■ 134.5160, 10.0986,  
-112.7085

■ 132.6080, 10.5463,  
-116.2972

■ 140.9520, 8.8977,  
-100.8129

■ 147.0890, 7.8441,  
-89.5321

■ 153.6390, 7.0800,  
-77.7364

■ 159.7760, 6.0264,  
-66.4556

■ 166.2120, 4.8255,  
-54.5599

■ 172.6480, 3.6245,  
-42.6643

■ 178.8990, 3.0078,  
-31.4834

■ 185.3350, 1.8068,  
-19.5878

■ 191.4720, 0.7533,  
-8.3069

# Harmonies

## Analogous

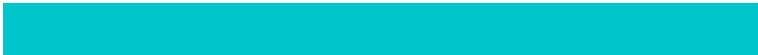
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.3410, -24.3251, -38.0101



134.5160, 10.0986, -112.7085



138.7810, 31.6600, -121.7109

# Triad

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



134.5160, 10.0986, -112.7085



172.2480, 40.7967, -18.6345



172.4710, -34.2492, 65.3619

# Complementary

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



134.5160, 10.0986, -112.7085



67.4840, -10.0986, 112.7085

# 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.



171.9060, -13.7577, 72.8734



134.5160, 10.0986, -112.7085



178.4240, 27.3990, 32.0772

# Square

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



134.5160, 10.0986, -112.7085



143.3680, 55.0346, -105.5627



176.3670, 7.2141, 66.3301



170.1460, -44.9350, 39.3370



# Rectangle

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



134.5160, 10.0986, -112.7085



140.9130, 44.9059, -123.5807



176.3670, 7.2141, 66.3301



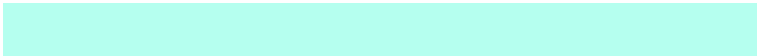
173.1110, -28.1557, 70.9397

# Sweetspot

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



134.5160, 10.0986, -112.7085



231.0500, 3.9193, -43.8939



129.7890, -61.0280, -72.6060



113.4050, 2.2653, -26.6652



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.



134.5160, 10.0986, -112.7085



172.4850, 13.5649, -151.2693



107.4920, 43.6344, -89.0085



93.7820, 0.6005, -5.9478



108.8710, 8.4446, -95.4799



22.3350, 1.8068, -19.5878



# Inverse Universe

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



67.4840, -10.0986, 112.7085



82.5150, -13.5649, 151.2693



94.5080, -43.6344, 89.0085



90.2180, -0.6005, 5.9478



52.1290, -8.4446, 95.4799

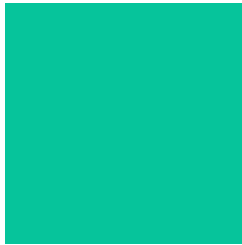


10.6650, -1.8068, 19.5878



# Previews

## White Background



This preview shows how the YUV color 134.5160, 10.0986, -112.7085 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 134.5160, 10.0986, -112.7085 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

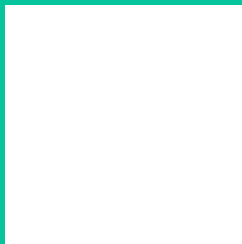
Any Text WCAG AAA ✓ Pass

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

# YUV 134.5160, 10.0986, -112.7085 Background



This preview shows how black text looks on a background with the YUV color 134.5160, 10.0986, -112.7085.



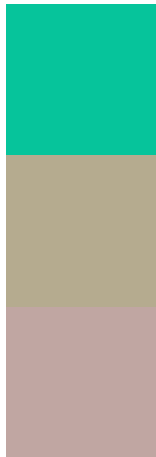
This preview shows how white text looks on a background with the YUV color 134.5160, 10.0986, -112.7085.



# 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

134.5160, 10.0986, -112.7085

### Protanopia

170.7980, -13.7044, 8.9472

### Deuteranopia

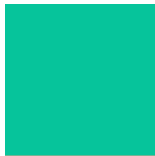
173.3180, -5.5798, 16.3841



## Tritanopia

152.2530, 26.0043, -80.9059

# Trichromacy



## Original Color

134.5160, 10.0986, -112.7085



## Protanomaly

157.4010, -5.1277, -35.4317



## Deuteranomaly

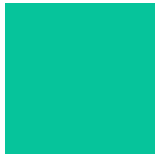
159.1010, -0.0498, -30.7836



## Tritanomaly

145.9820, 20.2219, -92.9462

# Monochromacy



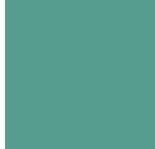
## Original Color

134.5160, 10.0986, -112.7085



## Achromatopsia

135.0000, 0.0000, 0.0000



## Achromatomaly

134.6590, 3.6191, -40.9199

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.5160, 10.0986, -112.7085 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(6, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(6, 196, 155)  
}
```

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(6, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 196, 155) }
```

## Border

The CSS property to change the border of an element to YUV 134.5160, 10.0986, -112.7085 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(6, 196, 155) }
```



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

```
.border{ border-color:rgb(6, 196, 155) }
```

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

Here you see how a box with a 4 pixel rgb(6, 196, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(6, 196,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 134.5160, 10.0986, -112.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 196, 155) }
```

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

```
.background{ background-color: rgb(6, 196,  
155) }
```

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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