

# Converting Colors

YUV(140.4520, 7.1722,  
-107.3904)

Have a look what the booklet for  
YUV(140.4520, 7.1722, -107.3904)  
contains.

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# Color

**YUV(140.4520, 7.1722,  
-107.3904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12C89B
RGB	18, 200, 155
RGB Percent	7%, 78%, 61%
CMY	0.9294, 0.2157, 0.3922
CMYK	0.91, 0.00, 0.23, 0.22
HSL	165°, 83%, 43%
HSV	165°, 91%, 78%
XYZ	26.8201, 43.8037, 38.0517
YIQ	140.4520, -94.0270, -52.5790

# Conversions

## Conversions Part 2

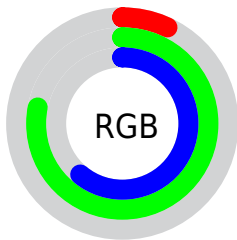
Format	Color
<a href="#">RYB</a>	<a href="#">18, 122, 200</a>
Decimal	<a href="#">1231003</a>
CIELab	<a href="#">72.10, -51.78, 11.02</a>
CIELCh	<a href="#">72, 52.935, 167.989</a>
Yxy	<a href="#">43.8037, 0.2468, 0.4031</a>
Android (android.graphics.Color)	<a href="#">4279421083 (0xFF12C89B)</a>
YUV	<a href="#">140.4520, 7.1722, -107.3904</a>
Hunter-Lab	<a href="#">66.1844, -43.4885, 12.2411</a>

# Details

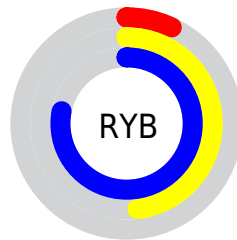
The YUV color **140.4520, 7.1722, -107.3904** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **77.5480, -7.1722, 107.3904**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9060, 2.0183, -87.6176**, and **96.9710, 3.4653, -85.0436** is the 20% darker color. If you saturate the color by 10%, you get **134.6140, 8.0783, -118.0565**, and if you desaturate by 10%, it is **147.0020, 6.4080, -95.5948**.

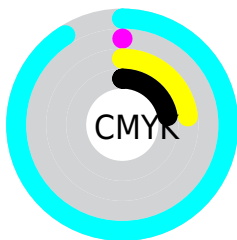
# Distribution



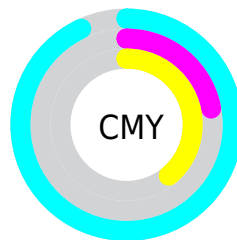
- Red (7%)
- Green (78%)
- Blue (61%)



- Red (7%)
- Yellow (48%)
- Blue (78%)



- Cyan (91%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (93%)
- Magenta (22%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.4520, 7.1722, -107.3904 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 140.4520, 7.1722, -107.3904 by changing the saturation by 10% instead.



140.4520, 7.1722,  
-107.3904

140.4520, 7.1722,  
-107.3904

255.0000, 0.0000,  
0.0000

115.6700, 6.5717,  
-101.4426

204.9060, 2.0183,  
-87.6176

96.9710, 3.4653,  
-85.0436

217.7800, 9.9685,  
-70.8441

78.3860, 0.7957,  
-68.7445

228.9870, 12.8244,  
-53.4856

60.5020, -1.7265,  
-53.0603

237.9570, 8.4022,  
-35.0423

43.3190, -4.1013,  
-37.9908

247.2260, 3.8326,  
-15.9842

28.5980, -7.1968,  
-25.0804

8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,  
0.0000

■ 140.4520, 7.1722,  
-107.3904

■ 140.4520, 7.1722,  
-107.3904

■ 134.6140, 8.0783,  
-118.0565

■ 147.0020, 6.4080,  
-95.5948

■ 153.5520, 5.6439,  
-83.7991

■ 160.1020, 4.8797,  
-72.0035

■ 166.6520, 4.1156,  
-60.2078

■ 173.2020, 3.3514,  
-48.4122

■ 179.7520, 2.5873,  
-36.6165

■ 186.3020, 1.8231,  
-24.8209

■ 192.8520, 1.0590,  
-13.0252

■ 199.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

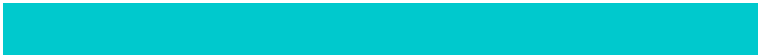
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.5970, -25.9303, -36.4806



140.4520, 7.1722, -107.3904



141.3570, 31.3760, -123.9701

# Triad

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



140.4520, 7.1722, -107.3904



174.2860, 39.7920, -23.0528



175.6070, -33.8233, 68.7507

# Complementary

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



140.4520, 7.1722, -107.3904



77.5480, -7.1722, 107.3904

# 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.



173.6500, -12.1524, 71.3440



140.4520, 7.1722, -107.3904



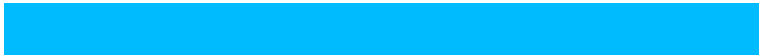
182.2820, 29.4410, 30.4477

# Square

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



140.4520, 7.1722, -107.3904



139.4260, 56.9780, -122.2766



179.8230, 8.9613, 65.9302



173.5270, -46.1088, 42.5108



# Rectangle

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



140.4520, 7.1722, -107.3904



143.6030, 45.0587, -125.9398



179.8230, 8.9613, 65.9302



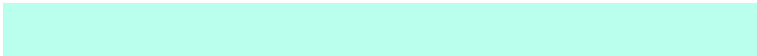
174.4530, -26.8453, 70.6397

# Sweetspot

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



140.4520, 7.1722, -107.3904



232.4310, 2.7455, -40.7200



138.5880, -59.4499, -65.4137



114.4870, 1.2389, -24.1061



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.



140.4520, 7.1722, -107.3904



171.5730, 10.0705, -150.4695



119.1670, 39.8507, -88.7235



96.0810, 0.4531, -5.3330



109.7030, 6.5554, -96.2095



24.2100, 1.3755, -21.2322



# Inverse Universe

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



77.5480, -7.1722, 107.3904



83.4270, -10.0705, 150.4695



99.4200, -40.1401, 88.2087



92.9190, -0.4531, 5.3330



53.2970, -6.5554, 96.2095

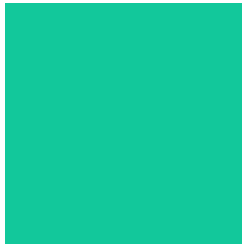


11.7900, -1.3755, 21.2322



# Previews

## White Background



This preview shows how the YUV color 140.4520, 7.1722, -107.3904 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 140.4520, 7.1722, -107.3904 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

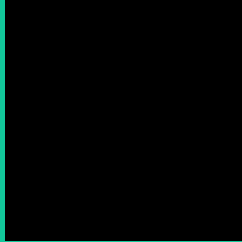
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

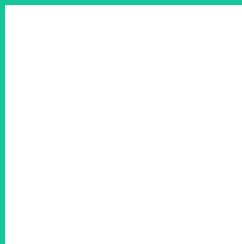
Any Text WCAG AAA ✓ Pass

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

# YUV 140.4520, 7.1722, -107.3904 Background



This preview shows how black text looks on a background with the YUV color 140.4520, 7.1722, -107.3904.



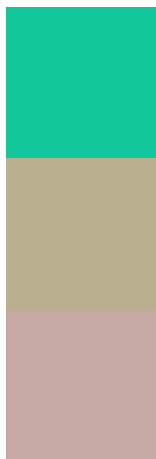
This preview shows how white text looks on a background with the YUV color 140.4520, 7.1722, -107.3904.



# 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

140.4520, 7.1722, -107.3904

### Protanopia

174.6410, -15.5990, 9.9618

### Deuteranopia

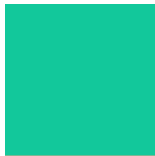
176.5740, -7.1850, 17.9136



## Tritanopia

156.1390, 25.5675, -80.8059

# Trichromacy



## Original Color

140.4520, 7.1722, -107.3904



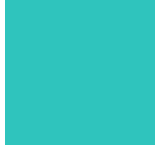
## Protanomaly

162.1410, -7.4645, -32.5727



## Deuteranomaly

163.2540, -2.0972, -27.4098



## Tritanomaly

150.6510, 18.9061, -90.9019

# Monochromacy



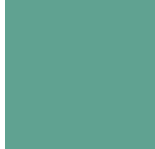
## Original Color

140.4520, 7.1722, -107.3904



## Achromatopsia

140.0000, 0.0000, 0.0000



## Achromatomaly

140.3280, 2.3033, -38.8757

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.4520, 7.1722, -107.3904 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(18, 200, 155)` looks like.

```
.text, #text, p{  
    color:rgb(18, 200, 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(18, 200, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 200, 155) }
```

## Border

The CSS property to change the border of an element to YUV 140.4520, 7.1722, -107.3904 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(18, 200, 155) }
```



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

```
.border{ border-color:rgb(18, 200, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 200, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 200, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 200, 155);  
box-shadow:4px 4px 4px 4px rgb(18, 200,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 140.4520, 7.1722, -107.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 200, 155) }
```

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

```
.background{ background-color: rgb(18, 200,  
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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