

# Converting Colors

YUV(138.8750, 12.3866,  
-99.8684)

Have a look what the booklet for  
YUV(138.8750, 12.3866, -99.8684)  
contains.

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# Color

**YUV(138.8750, 12.3866,  
-99.8684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19C0A4
RGB	25, 192, 164
RGB Percent	10%, 75%, 64%
CMY	0.9020, 0.2471, 0.3569
CMYK	0.87, 0.00, 0.15, 0.25
HSL	170°, 77%, 43%
HSV	170°, 87%, 75%
XYZ	25.9514, 40.5863, 41.5881
YIQ	138.8750, -90.5440, -44.1120

# Conversions

## Conversions Part 2

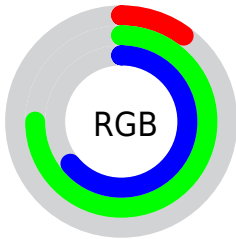
Format	Color
<a href="#">RYB</a>	<a href="#">25, 116, 192</a>
Decimal	<a href="#">1687716</a>
CIELab	<a href="#">69.89, -45.82, 2.97</a>
CIElCh	<a href="#">70, 45.918, 176.295</a>
Yxy	<a href="#">40.5863, 0.2400, 0.3754</a>
Android (android.graphics.Color)	<a href="#">4279877796</a> ( <a href="#">0xFF19C0A4</a> )
YUV	<a href="#">138.8750, 12.3866, -99.8684</a>
Hunter-Lab	<a href="#">63.7074, -38.7754, 5.8907</a>

# Details

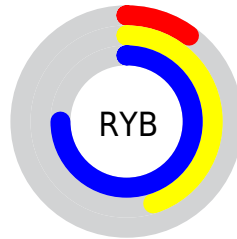
The YUV color **138.8750, 12.3866, -99.8684** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **78.1250, -12.3866, 99.8684**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8230, 7.9753, -84.9138**, and **93.1870, 9.2748, -81.7250** is the 20% darker color. If you saturate the color by 10%, you get **132.8520, 13.8770, -111.2492**, and if you desaturate by 10%, it is **144.8980, 10.8963, -88.4875**.

# Distribution



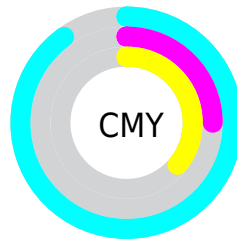
- Red (10%)
- Green (75%)
- Blue (64%)



- Red (10%)
- Yellow (45%)
- Blue (75%)



- Cyan (87%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (90%)
- Magenta (25%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.8750, 12.3866, -99.8684 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 138.8750, 12.3866, -99.8684 by changing the saturation by 10% instead.



■ 138.8750, 12.3866,  
-99.8684

■ 138.8750, 12.3866,  
-99.8684

■ 255.0000, 0.0000,  
0.0000

■ 112.0000, 12.8180,  
-98.2240

■ 202.8230, 7.9753,  
-84.9138

■ 93.1870, 9.2748,  
-81.7250

■ 218.8060, 13.8996,  
-71.7439

■ 75.1890, 6.3158,  
-65.9408

■ 228.9870, 12.8244,  
-53.4856

■ 57.8920, 3.5042,  
-50.7713

■ 237.9570, 8.4022,  
-35.0423

■ 40.7090, 1.1295,  
-35.7018

■ 247.2260, 3.8326,  
-15.9842

■ 25.9880, -1.9661,  
-22.7915

■ 0.0000, 0.0000,

0.0000

■ 138.8750, 12.3866,  
-99.8684

■ 138.8750, 12.3866,  
-99.8684

■ 132.8520, 13.8770,  
-111.2492

■ 144.8980, 10.8963,  
-88.4875

■ 130.9440, 14.3246,  
-114.8379

■ 150.9210, 9.4059,  
-77.1067

■ 157.3570, 8.2050,  
-65.2111

■ 163.3800, 6.7147,  
-53.8303

■ 169.4030, 5.2243,  
-42.4494

■ 175.4260, 3.7340,  
-31.0686

■ 181.5630, 2.6804,  
-19.7878

■ 187.8850, 1.0427,  
-7.7921

■ 193.9080, -0.4476,  
3.5887

# Harmonies

## Analogous

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



156.9690, -16.7467, -42.0688



138.8750, 12.3866, -99.8684



136.1880, 34.4173, -119.4369

# Triad

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



138.8750, 12.3866, -99.8684



173.0710, 35.9540, -5.3243



170.6330, -33.3431, 54.6959

# Complementary

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



138.8750, 12.3866, -99.8684



78.1250, -12.3866, 99.8684

# 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.



172.1350, -17.8146, 67.4106



138.8750, 12.3866, -99.8684



175.7360, 20.8362, 37.0655

# Square

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



138.8750, 12.3866, -99.8684



159.7650, 46.4579, -61.1839



173.9660, 1.9888, 62.2968



167.9320, -40.3925, 29.0006



# Rectangle

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



138.8750, 12.3866, -99.8684



137.1630, 45.7686, -120.2920



173.9660, 1.9888, 62.2968



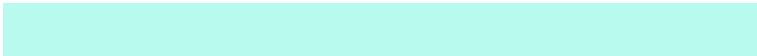
170.8170, -28.9968, 60.6735

# Sweetspot

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



138.8750, 12.3866, -99.8684



229.3110, 4.7767, -38.8607



132.2980, -52.8979, -66.9133



112.5410, 2.6913, -23.2765



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.



138.8750, 12.3866, -99.8684



170.4620, 18.5062, -149.4952



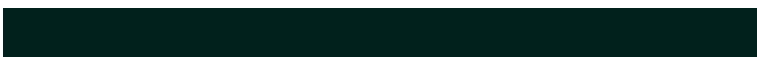
110.9560, 39.9547, -75.3834



93.7820, 0.6005, -5.9478



109.7830, 11.9390, -96.2797



22.5630, 2.6804, -19.7878



# Inverse Universe

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



78.1250, -12.3866, 99.8684



79.5380, -18.5062, 149.4952



106.0440, -39.9547, 75.3834



90.2180, -0.6005, 5.9478



51.2170, -11.9390, 96.2797

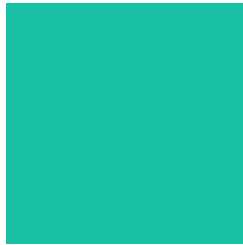


10.5510, -2.2436, 19.6878



# Previews

## White Background



This preview shows how the YUV color 138.8750, 12.3866, -99.8684 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 138.8750, 12.3866, -99.8684 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

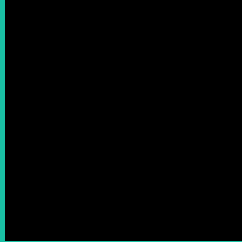
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

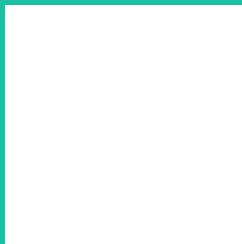
Any Text WCAG AAA ✓ Pass

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

# YUV 138.8750, 12.3866, -99.8684 Background



This preview shows how black text looks on a background with the YUV color 138.8750, 12.3866, -99.8684.



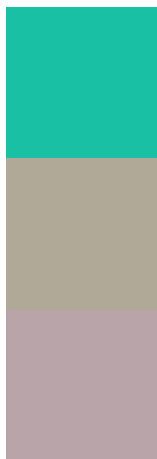
This preview shows how white text looks on a background with the YUV color 138.8750, 12.3866, -99.8684.



# 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

138.8750, 12.3866, -99.8684

### Protanopia

169.4540, -8.6048, 6.6178

### Deuteranopia

170.9630, -0.4748, 12.3104



## Tritanopia

150.1390, 25.5675, -80.8059

# Trichromacy



## Original Color

138.8750, 12.3866, -99.8684



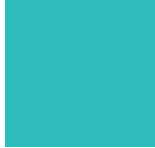
## Protanomaly

158.1610, -1.0654, -31.7132



## Deuteranomaly

159.2630, 4.3073, -28.2947



## Tritanomaly

146.1290, 20.6424, -87.8131

# Monochromacy



## Original Color

138.8750, 12.3866, -99.8684



## Achromatopsia

139.0000, 0.0000, 0.0000



## Achromatomaly

138.9200, 4.4764, -35.8868

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.8750, 12.3866, -99.8684 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(25, 192, 164)` looks like.

```
.text, #text, p{  
    color:rgb(25, 192, 164)  
}
```

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(25, 192, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 192, 164) }
```

## Border

The CSS property to change the border of an element to YUV 138.8750, 12.3866, -99.8684 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(25, 192, 164) }
```



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

```
.border{ border-color:rgb(25, 192, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 192, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 192, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 192, 164);  
box-shadow:4px 4px 4px 4px rgb(25, 192,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 138.8750, 12.3866, -99.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 192, 164) }
```

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

```
.background{ background-color: rgb(25, 192,  
164) }
```

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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