

Converting Colors

YUV(160.8630, 13.8715,
-109.5049)

Have a look what the booklet for
YUV(160.8630, 13.8715, -109.5049)
contains.

YUV(160.8630, 13.8715, -109.5049)	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(160.8630, 13.8715,
-109.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	24DBBD
RGB	36, 219, 189
RGB Percent	14%, 86%, 74%
CMY	0.8588, 0.1412, 0.2588
CMYK	0.84, 0.00, 0.14, 0.14
HSL	170°, 72%, 50%
HSV	170°, 84%, 86%
XYZ	35.2444, 54.7122, 56.8471
YIQ	160.8630, -99.4380, -48.1260

Conversions

Conversions Part 2

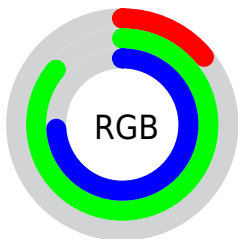
Format	Color
RYB	36, 136, 219
Decimal	2415549
CIELab	78.88, -49.73, 2.53
CIELCh	79, 49.795, 177.084
Yxy	54.7122, 0.2401, 0.3727
Android (android.graphics.Color)	4280605629 (0xFF24DBBD)
YUV	160.8630, 13.8715, -109.5049
Hunter-Lab	73.9677, -44.3912, 6.2107

Details

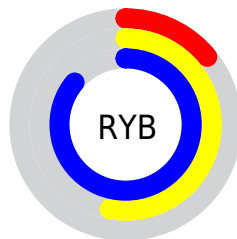
The YUV color **160.8630, 13.8715, -109.5049** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **94.1370, -13.8715, 109.5049**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5980, 15.9742, -83.8394**, and **111.1850, 12.2338, -97.5092** is the 20% darker color. If you saturate the color by 10%, you get **153.8290, 15.3673, -122.6300**, and if you desaturate by 10%, it is **167.8970, 12.3758, -96.3797**.

Distribution



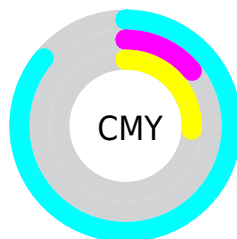
- Red (14%)
- Green (86%)
- Blue (74%)



- Red (14%)
- Yellow (53%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.8630, 13.8715, -109.5049 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 160.8630, 13.8715, -109.5049 by changing the saturation by 10% instead.

160.8630, 13.8715,
-109.5049

160.8630, 13.8715,
-109.5049

255.0000, 0.0000,
0.0000

130.5850, 15.4876,
-114.5230

212.5980, 15.9742,
-83.8394

111.1850, 12.2338,
-97.5092

223.3060, 15.6251,
-65.1664

92.3720, 8.6906,
-81.0102

232.8740, 10.9081,
-45.4935

74.3740, 5.7316,
-65.2260

242.1430, 6.3385,
-26.4354

56.4900, 3.2094,
-49.5417

251.4120, 1.7689,
-7.3773

39.8940, 0.5453,
-34.9870

24.1130, -1.5347,

-21.1471

■ 0.0000, 0.0000,
0.0000

■ 160.8630, 13.8715,
-109.5049

■ 160.8630, 13.8715,
-109.5049

■ 153.8290, 15.3673,
-122.6300

■ 167.8970, 12.3758,
-96.3797

■ 149.4150, 16.5574,
-131.0370

■ 174.8170, 10.4432,
-83.1545

■ 181.8510, 8.9475,
-70.0293

■ 188.7710, 7.0149,
-56.8042

■ 195.8050, 5.5191,
-43.6790

■ 202.5400, 4.1708,
-31.1686

■ 209.4600, 2.2382,
-17.9434

■ 216.4940, 0.7425,
-4.8182

■ 223.4140, -1.1901,
8.4069

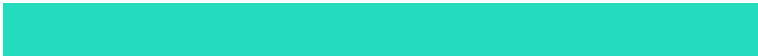
Harmonies

Analogous

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



179.8820, -18.1828, -48.1315



160.8630, 13.8715, -109.5049



155.4570, 39.7077, -136.3358

Triad

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



160.8630, 13.8715, -109.5049



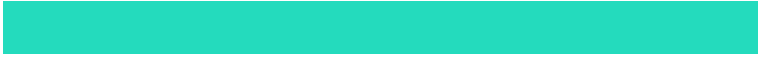
195.3720, 29.3966, -2.0802



191.9490, -35.9639, 55.2957

Complementary

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



160.8630, 13.8715, -109.5049



94.1370, -13.8715, 109.5049

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.



188.5360, -16.0402, 58.2889



160.8630, 13.8715, -109.5049



201.1110, 22.1303, 41.9987

Square

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



160.8630, 13.8715, -109.5049



179.6480, 37.1485, -61.9583



192.0190, 4.9206, 55.2343



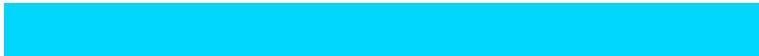
191.8030, -44.7659, 31.7448

Rectangle

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



160.8630, 13.8715, -109.5049



155.2750, 49.1644, -136.1762



192.0190, 4.9206, 55.2343



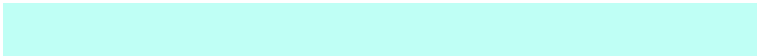
190.1540, -30.1489, 56.8699

Sweetspot

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



160.8630, 13.8715, -109.5049



234.7240, 5.0661, -38.3459



152.6900, -57.5282, -75.1501



115.5410, 2.6913, -23.2765



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.



160.8630, 13.8715, -109.5049



173.9670, 19.2433, -152.5691



128.4760, 44.6283, -81.1015



106.4830, 0.7479, -6.5626



118.0810, 13.2711, -103.5570



31.3340, 3.2863, -27.4799

Inverse Universe

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



94.1370, -13.8715, 109.5049



81.0330, -19.2433, 152.5691



126.5240, -44.6283, 81.1015



102.4030, -1.1847, 6.6626



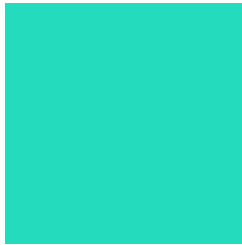
54.9190, -13.2711, 103.5570



14.6660, -3.2863, 27.4799

Previews

White Background



This preview shows how the YUV color 160.8630, 13.8715, -109.5049 looks on a white background.

Color Contrast Check

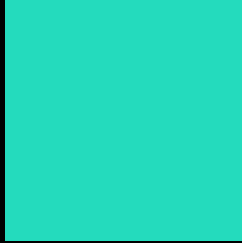
Large Text (above 18pt) WCAG AA × Fail

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 160.8630, 13.8715, -109.5049 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

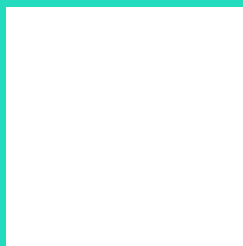
Any Text WCAG AAA ✓ Pass

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

YUV 160.8630, 13.8715, -109.5049 Background



This preview shows how black text looks on a background with the YUV color 160.8630, 13.8715, -109.5049.

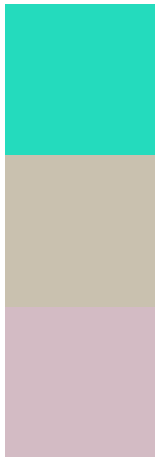


This preview shows how white text looks on a background with the YUV color 160.8630, 13.8715, -109.5049.

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

160.8630, 13.8715, -109.5049

Protanopia

193.3400, -9.0416, 6.7178

Deuteranopia

195.2020, 0.3934, 13.8548



Tritanopia

171.5830, 28.7996, -90.8423

Trichromacy



Original Color

160.8630, 13.8715, -109.5049



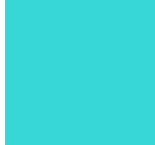
Protanomaly

181.2530, -0.6177, -35.3019



Deuteranomaly

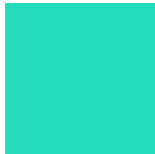
182.7680, 5.0444, -31.3685



Tritanomaly

167.4590, 23.4377, -97.7495

Monochromacy



Original Color

160.8630, 13.8715, -109.5049



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.0120, 4.9241, -39.4755

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.8630, 13.8715, -109.5049 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(36, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(36, 219, 189)  
}
```

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(36, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 219, 189) }
```

Border

The CSS property to change the border of an element to YUV 160.8630, 13.8715, -109.5049 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(36, 219, 189) }
```


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

```
.border{ border-color:rgb(36, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 219, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 219, 189);  
box-shadow:4px 4px 4px 4px rgb(36, 219,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 160.8630, 13.8715, -109.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 219, 189) }
```

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

```
.background{ background-color: rgb(36, 219,  
189) }
```

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