

Converting Colors

YUV(160.3080, 8.7222,
-137.9591)

Have a look what the booklet for
YUV(160.3080, 8.7222, -137.9591)
contains.

YUV(160.3080, 8.7222, -137.9591)	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(160.3080, 8.7222,
-137.9591)**

Conversions

Conversions Part 1

Format	Color
Hex	03EDB2
RGB	3, 237, 178
RGB Percent	1%, 93%, 70%
CMY	0.9882, 0.0706, 0.3020
CMYK	0.99, 0.00, 0.25, 0.07
HSL	165°, 98%, 47%
HSV	165°, 99%, 93%
XYZ	38.3576, 63.8021, 52.4129
YIQ	160.3080, -120.5250, -67.9570

Conversions

Conversions Part 2

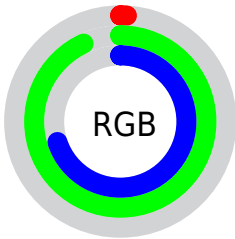
Format	Color
RYB	3, 137, 237
Decimal	257458
CIELab	83.86, -60.95, 15.43
CIELCh	84, 62.872, 165.790
Yxy	63.8021, 0.2482, 0.4128
Android (android.graphics.Color)	4278447538 (0xFF03EDB2)
YUV	160.3080, 8.7222, -137.9591
Hunter-Lab	79.8762, -54.0653, 17.0087

Details

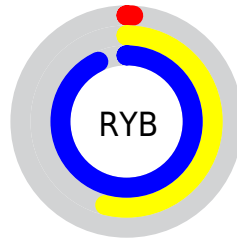
The YUV color **160.3080, 8.7222, -137.9591** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **79.6920, -8.7222, 137.9591**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8490, 11.9064, -85.8136**, and **119.9100, 2.5094, -105.1611** is the 20% darker color. If you saturate the color by 10%, you get **159.2970, 8.7276, -139.7035**, and if you desaturate by 10%, it is **168.1680, 7.8052, -123.8043**.

Distribution



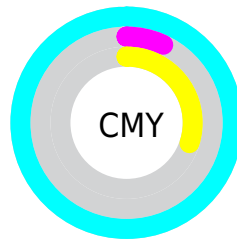
- Red (1%)
- Green (93%)
- Blue (70%)



- Red (1%)
- Yellow (54%)
- Blue (93%)



- Cyan (99%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (99%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3080, 8.7222, -137.9591 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 160.3080, 8.7222, -137.9591 by changing the saturation by 10% instead.

160.3080, 8.7222,
-137.9591

160.3080, 8.7222,
-137.9591

255.0000, 0.0000,
0.0000

139.3100, 5.7632,
-122.1749

209.8490, 11.9064,
-85.8136

119.9100, 2.5094,
-105.1611

222.4090, 16.0674,
-67.0107

100.6240, -0.3076,
-88.2472

231.9770, 11.3503,
-47.3378

82.0390, -2.9772,
-71.9482

241.5450, 6.6333,
-27.6650

64.1550, -5.4994,
-56.2639

251.1130, 1.9163,
-7.9921

46.4990, -7.1480,
-40.7796

30.3760, -10.5384,

-26.6398

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 160.3080, 8.7222,
-137.9591

■ 160.3080, 8.7222,
-137.9591

■ 159.2970, 8.7276,
-139.7035

■ 168.1680, 7.8052,
-123.8043

■ 175.7290, 7.0356,
-110.2643

■ 183.5890, 6.1186,
-96.1096

■ 191.4490, 5.2016,
-81.9548

■ 199.3090, 4.2847,
-67.8000

■ 206.8700, 3.5151,
-54.2600

■ 214.7300, 2.5981,
-40.1052

■ 222.5900, 1.6811,
-25.9504

■ 230.1510, 0.9116,
-12.4104

Harmonies

Analogous

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



192.0990, -34.0658, -40.4288



160.3080, 8.7222, -137.9591



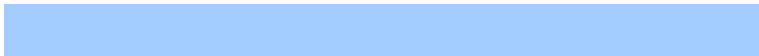
167.5390, 35.2303, -146.9317

Triad

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



160.3080, 8.7222, -137.9591



198.4410, 27.8836, -30.2048



192.8610, -32.4695, 54.4959

Complementary

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



160.3080, 8.7222, -137.9591



79.6920, -8.7222, 137.9591

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.



190.0980, -4.9783, 56.9191



160.3080, 8.7222, -137.9591



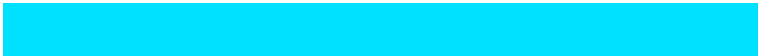
210.9640, 21.7097, 36.8656

Square

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



160.3080, 8.7222, -137.9591



160.5580, 46.5599, -140.8094



198.6990, 20.3614, 49.3760



201.6710, -54.5608, 46.7695

Rectangle

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



160.3080, 8.7222, -137.9591



168.1890, 42.7978, -147.5018



198.6990, 20.3614, 49.3760



190.5760, -23.4550, 56.4998

Sweetspot

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



160.3080, 8.7222, -137.9591



230.1100, 2.9038, -44.8235



158.8960, -76.8567, -82.3468



112.8780, 1.5391, -27.0800



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.



160.3080, 8.7222, -137.9591



171.4590, 9.6337, -150.3695



134.7490, 50.4097, -115.5439



113.3690, 0.3111, -6.4626



121.6370, 6.5880, -106.6756



36.2580, 1.8448, -31.7983

Inverse Universe

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



79.6920, -8.7222, 137.9591



83.5410, -9.6337, 150.3695



105.2510, -50.4097, 115.5439



109.6310, -0.3111, 6.4626



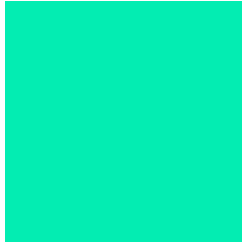
59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 160.3080, 8.7222, -137.9591 looks on a white background.

Color Contrast Check

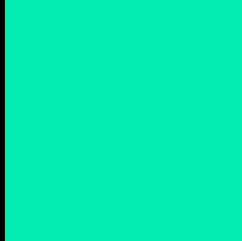
Large Text (above 18pt) WCAG AA × Fail

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 160.3080, 8.7222, -137.9591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

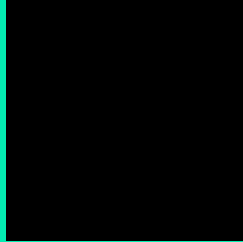
Any Text WCAG AA ✓ Pass

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 160.3080, 8.7222, -137.9591 Background



This preview shows how black text looks on a background with the YUV color 160.3080, 8.7222, -137.9591.

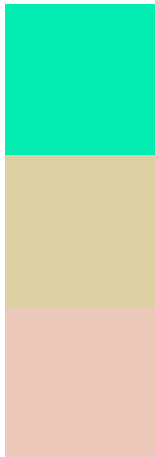


This preview shows how white text looks on a background with the YUV color 160.3080, 8.7222,

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

160.3080, 8.7222, -137.9591

Protanopia

205.9850, -20.6986, 12.2912

Deuteranopia

208.8690, -11.2744, 22.9169



Tritanopia

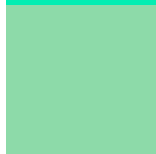
184.6040, 30.2682, -95.2457

Trichromacy



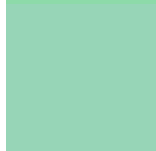
Original Color

160.3080, 8.7222, -137.9591



Protanomaly

189.3910, -10.0528, -42.4389



Deuteranomaly

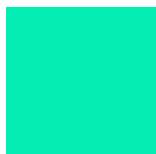
191.0420, -3.9647, -35.1168



Tritanomaly

175.4420, 22.4601, -110.8896

Monochromacy



Original Color

160.3080, 8.7222, -137.9591



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1910, 3.3568, -50.1565

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3080, 8.7222, -137.9591 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(3, 237, 178)` looks like.

```
.text, #text, p{  
    color:rgb(3, 237, 178)  
}
```

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(3, 237, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 237, 178) }
```

Border

The CSS property to change the border of an element to YUV 160.3080, 8.7222, -137.9591 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(3, 237, 178) }
```


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

```
.border{ border-color:rgb(3, 237, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 237, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 237, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 237, 178);  
box-shadow:4px 4px 4px 4px rgb(3, 237,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 160.3080, 8.7222, -137.9591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 237, 178) }
```

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

```
.background{ background-color: rgb(3, 237,  
178) }
```

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