

Converting Colors

YUV(150.9810, 8.3904,
-78.0363)

Have a look what the booklet for
YUV(150.9810, 8.3904, -78.0363)
contains.

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Color

**YUV(150.9810, 8.3904,
-78.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC1A8
RGB	62, 193, 168
RGB Percent	24%, 76%, 66%
CMY	0.7569, 0.2431, 0.3412
CMYK	0.68, 0.00, 0.13, 0.24
HSL	169°, 51%, 50%
HSV	169°, 68%, 76%
XYZ	28.1245, 41.9912, 43.6686
YIQ	150.9810, -70.0510, -35.5470

Conversions

Conversions Part 2

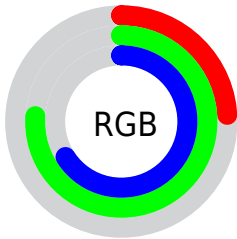
Format	Color
RYB	62, 134, 193
Decimal	4112808
CIELab	70.86, -41.23, 2.28
CIElCh	71, 41.295, 176.841
Yxy	41.9912, 0.2472, 0.3690
Android (android.graphics.Color)	4282302888 (0xFF3EC1A8)
YUV	150.9810, 8.3904, -78.0363
Hunter-Lab	64.8006, -35.9294, 5.4054

Details

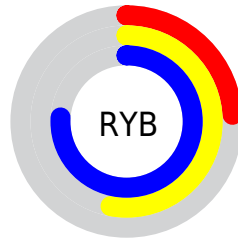
The YUV color **150.9810, 8.3904, -78.0363** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **104.0190, -8.3904, 78.0363**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5470, 6.6323, -74.1477**, and **94.8170, 10.4432, -83.1545** is the 20% darker color. If you saturate the color by 10%, you get **144.8440, 9.4439, -89.3172**, and if you desaturate by 10%, it is **157.1180, 7.3368, -66.7555**.

Distribution



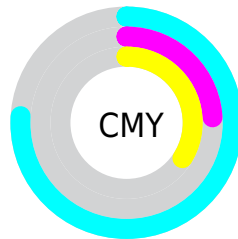
- Red (24%)
- Green (76%)
- Blue (66%)



- Red (24%)
- Yellow (53%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9810, 8.3904, -78.0363 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 150.9810, 8.3904, -78.0363 by changing the saturation by 10% instead.

150.9810, 8.3904,
-78.0363

150.9810, 8.3904,
-78.0363

255.0000, 0.0000,
0.0000

117.2290, 12.2121,
-90.5318

209.5470, 6.6323,
-74.1477

94.8170, 10.4432,
-83.1545

224.7580, 13.4303,
-61.1778

76.2320, 7.7736,
-66.8555

234.0700, 10.3185,
-43.0344

58.8210, 4.5252,
-51.5860

243.0400, 5.8963,
-24.5911

42.2250, 1.8611,
-37.0313

252.0100, 1.4741,
-6.1478

26.9170, -0.9451,
-23.6062

3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 150.9810, 8.3904,
-78.0363

■ 150.9810, 8.3904,
-78.0363

■ 144.8440, 9.4439,
-89.3172

■ 157.1180, 7.3368,
-66.7555

■ 138.5220, 11.0817,
-101.3128

■ 163.4400, 5.6991,
-54.7599

■ 132.3850, 12.1352,
-112.5936

■ 169.5770, 4.6455,
-43.4790

■ 131.0750, 12.2880,
-114.9528

■ 175.7140, 3.5920,
-32.1982

■ 182.0360, 1.9543,
-20.2026

■ 188.1730, 0.9007,
-8.9217

■ 194.3100, -0.1528,
2.3591

■ 200.3330, -1.6432,
13.7400

■ 206.7690, -2.8441,
25.6356

Harmonies

Analogous

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



161.1590, -14.8684, -37.8504



150.9810, 8.3904, -78.0363



136.7750, 34.1279, -119.9517

Triad

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



150.9810, 8.3904, -78.0363



175.3440, 31.8754, -3.8097



173.6970, -30.4166, 49.3777

Complementary

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



150.9810, 8.3904, -78.0363



104.0190, -8.3904, 78.0363

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.



175.0310, -16.7773, 61.3628



150.9810, 8.3904, -78.0363



178.6170, 17.9368, 33.6619

Square

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



150.9810, 8.3904, -78.0363



165.3490, 40.7469, -49.4181



177.2920, 0.8420, 56.7489



171.0610, -36.0191, 26.2565

Rectangle

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



150.9810, 8.3904, -78.0363



137.4080, 44.1689, -120.5068



177.2920, 0.8420, 56.7489



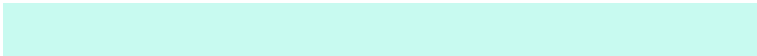
174.3540, -26.7965, 54.9405

Sweetspot

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



150.9810, 8.3904, -78.0363



233.9100, 3.0024, -29.7391



146.6710, -41.7428, -51.4545



115.3460, 1.8014, -17.8434



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.



150.9810, 8.3904, -78.0363



184.8570, 12.8885, -120.9006



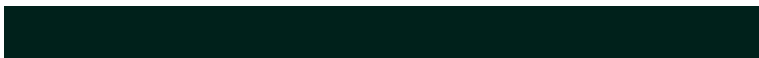
130.9380, 30.5966, -60.4586



93.7820, 0.6005, -5.9478



109.3270, 10.1918, -95.8798



22.4490, 2.2436, -19.6878

Inverse Universe

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



104.0190, -8.3904, 78.0363



112.1430, -12.8885, 120.9006



124.0620, -30.5966, 60.4586



90.2180, -0.6005, 5.9478



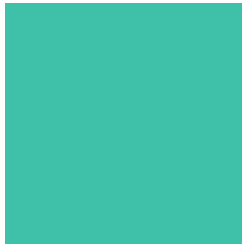
51.6730, -10.1918, 95.8798



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 150.9810, 8.3904, -78.0363 looks on a white background.

Color Contrast Check

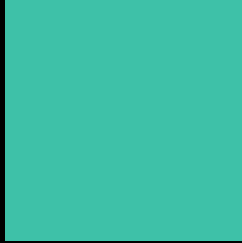
Large Text (above 18pt) WCAG AA × Fail

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 150.9810, 8.3904, -78.0363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

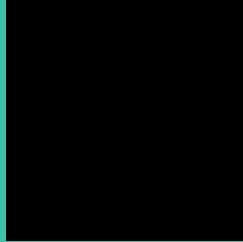
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

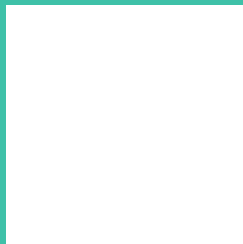
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.9810, 8.3904, -78.0363

Background



This preview shows how black text looks on a background with the YUV color 150.9810, 8.3904, -78.0363.



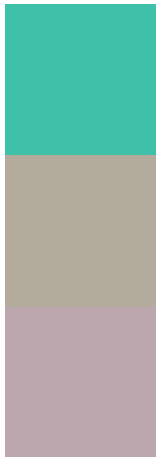
This preview shows how white text looks on a background with the YUV color 150.9810, 8.3904,

-78.0363.

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

150.9810, 8.3904, -78.0363

Protanopia

171.6820, -7.7312, 6.4179

Deuteranopia

174.0770, -0.0380, 12.2105



Tritanopia

157.1190, 22.6193, -68.5104

Trichromacy



Original Color

150.9810, 8.3904, -78.0363



Protanomaly

163.9770, -1.9607, -24.5358



Deuteranomaly

165.3780, 3.2646, -20.5025



Tritanomaly

155.0170, 17.2466, -71.9289

Monochromacy



Original Color

150.9810, 8.3904, -78.0363



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9210, 2.9969, -27.9947

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9810, 8.3904, -78.0363 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(62, 193, 168)` looks like.

```
.text, #text, p{  
    color:rgb(62, 193, 168)  
}
```

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(62, 193, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 193, 168) }
```

Border

The CSS property to change the border of an element to YUV 150.9810, 8.3904, -78.0363 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(62, 193, 168) }
```


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

```
.border{ border-color:rgb(62, 193, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 193, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(62, 193, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(62, 193, 168); box-shadow:4px 4px 4px 4px rgb(62, 193, 168) }
```

Background

The CSS property to change the background color of an element to YUV 150.9810, 8.3904, -78.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 193, 168) }
```

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

```
.background{ background-color: rgb(62, 193,  
168) }
```

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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