

Converting Colors

YUV(172.0340, 4.4202,
-111.4088)

Have a look what the booklet for
YUV(172.0340, 4.4202, -111.4088)
contains.

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Color

**YUV(172.0340, 4.4202,
-111.4088)**

Conversions

Conversions Part 1

Format	Color
Hex	2DEBB5
RGB	45, 235, 181
RGB Percent	18%, 92%, 71%
CMY	0.8235, 0.0784, 0.2902
CMYK	0.81, 0.00, 0.23, 0.08
HSL	163°, 83%, 55%
HSV	163°, 81%, 92%
XYZ	39.1310, 63.3107, 53.8738
YIQ	172.0340, -95.9060, -57.0740

Conversions

Conversions Part 2

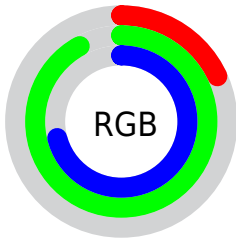
Format	Color
RYB	45, 156, 235
Decimal	3009461
CIELab	83.61, -57.37, 13.55
CIELCh	84, 58.951, 166.714
Yxy	63.3107, 0.2503, 0.4050
Android (android.graphics.Color)	4281199541 (0xFF2DEBB5)
YUV	172.0340, 4.4202, -111.4088
Hunter-Lab	79.5681, -51.4590, 15.5536

Details

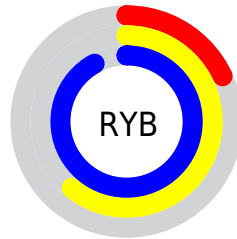
The YUV color **172.0340, 4.4202, -111.4088** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **107.9660, -4.4202, 111.4088**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4800, 11.5954, -79.3510**, and **119.0780, 4.3985, -104.4314** is the 20% darker color. If you saturate the color by 10%, you get **164.3590, 4.7530, -124.8488**, and if you desaturate by 10%, it is **180.0080, 3.9401, -97.3540**.

Distribution



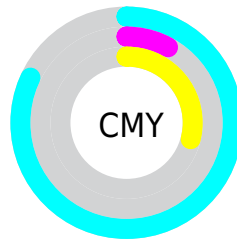
- Red (18%)
- Green (92%)
- Blue (71%)



- Red (18%)
- Yellow (61%)
- Blue (92%)



- Cyan (81%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)



- Cyan (82%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0340, 4.4202, -111.4088 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 172.0340, 4.4202, -111.4088 by changing the saturation by 10% instead.

■ 172.0340, 4.4202,
-111.4088

■ 172.0340, 4.4202,
-111.4088

■ 255.0000, 0.0000,
0.0000

■ 138.4780, 7.6523,
-121.4452

■ 213.4800, 11.5954,
-79.3510

■ 119.0780, 4.3985,
-104.4314

■ 225.3990, 14.5933,
-60.8629

■ 99.7920, 1.5815,
-87.5176

■ 234.9670, 9.8763,
-41.1901

■ 81.7940, -1.3774,
-71.7333

■ 244.2360, 5.3067,
-22.1320

■ 63.3230, -3.6102,
-55.5343

■ 253.5050, 0.7370,
-3.0739

■ 46.1400, -5.9850,
-40.4648

■ 30.2450, -8.5018,

-26.5249

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 172.0340, 4.4202,
-111.4088

■ 172.0340, 4.4202,
-111.4088

■ 164.3590, 4.7530,
-124.8488

■ 180.0080, 3.9401,
-97.3540

■ 157.0970, 5.3752,
-137.7741

■ 187.5690, 3.1705,
-83.8140

■ 195.5430, 2.6903,
-69.7592

■ 203.2180, 2.3575,
-56.3192

■ 211.0780, 1.4405,
-42.1644

■ 218.7530, 1.1078,
-28.7244

■ 226.7270, 0.6276,
-14.6696

■ 234.2880, -0.1420,
-1.1296

■ 241.6640, -0.3274,
11.6957

Harmonies

Analogous

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



192.7940, -31.4504, -39.2843



172.0340, 4.4202, -111.4088



166.3650, 35.8091, -145.9021

Triad

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



172.0340, 4.4202, -111.4088



199.6590, 27.2831, -24.2569



194.3770, -31.7379, 53.1664

Complementary

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



172.0340, 4.4202, -111.4088



107.9660, -4.4202, 111.4088

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.



192.3320, -6.5727, 54.9598



172.0340, 4.4202, -111.4088



211.2520, 21.5678, 35.7360

Square

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



172.0340, 4.4202, -111.4088



158.7970, 47.4281, -139.2650



199.8900, 17.3092, 48.3315



203.0560, -51.7926, 45.5549

Rectangle

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



172.0340, 4.4202, -111.4088



166.4280, 43.6660, -145.9574



199.8900, 17.3092, 48.3315



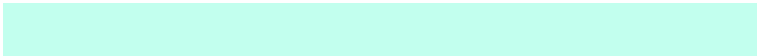
192.5650, -23.4495, 54.7555

Sweetspot

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



172.0340, 4.4202, -111.4088



234.8230, 1.5663, -35.8018



173.5730, -63.3865, -62.7695



115.6830, 0.6493, -21.6470



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.



172.0340, 4.4202, -111.4088



173.1670, 5.8337, -144.8515



155.8840, 39.0042, -97.2453



113.3690, 0.3111, -6.4626



121.0670, 4.4040, -106.1758



36.0300, 0.9712, -31.5983

Inverse Universe

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



107.9660, -4.4202, 111.4088



89.8330, -5.8337, 144.8515



124.1160, -39.0042, 97.2453



109.6310, -0.3111, 6.4626



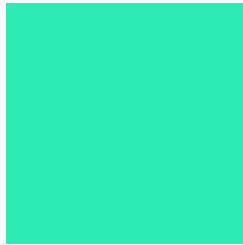
59.9330, -4.4040, 106.1758



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 172.0340, 4.4202, -111.4088 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 172.0340, 4.4202, -111.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

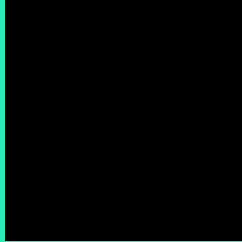
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

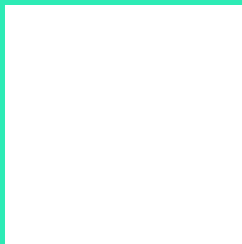
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.0340, 4.4202, -111.4088

Background



This preview shows how black text looks on a background with the YUV color 172.0340, 4.4202, -111.4088.



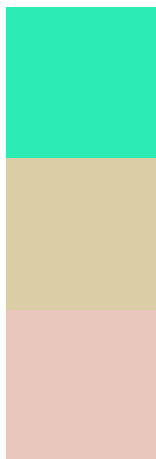
This preview shows how white text looks on a background with the YUV color 172.0340, 4.4202, -111.4088.

-111.4088.

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

172.0340, 4.4202, -111.4088

Protanopia

205.4410, -18.9514, 11.8912

Deuteranopia

208.0260, -9.3798, 21.9022



Tritanopia

185.7080, 29.2310, -89.1979

Trichromacy



Original Color

172.0340, 4.4202, -111.4088



Protanomaly

193.6310, -10.6641, -33.0024



Deuteranomaly

194.9830, -4.4286, -26.2951



Tritanomaly

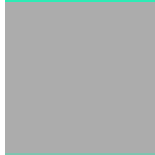
180.6610, 20.3801, -97.0497

Monochromacy



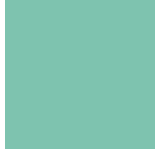
Original Color

172.0340, 4.4202, -111.4088



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.0890, 1.4351, -40.4201

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0340, 4.4202, -111.4088 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(45, 235, 181)` looks like.

```
.text, #text, p{  
    color:rgb(45, 235, 181)  
}
```

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(45, 235, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 235, 181) }
```

Border

The CSS property to change the border of an element to YUV 172.0340, 4.4202, -111.4088 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(45, 235, 181) }
```


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

```
.border{ border-color:rgb(45, 235, 181) }
```

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

Here you see how a box with a 4 pixel rgb(45, 235, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 235, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 235, 181);  
box-shadow:4px 4px 4px 4px rgb(45, 235,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 172.0340, 4.4202, -111.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 235, 181) }
```

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

```
.background{ background-color: rgb(45, 235,  
181) }
```

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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