

Converting Colors

YUV(167.5210, 9.1101,
-122.3599)

Have a look what the booklet for
YUV(167.5210, 9.1101, -122.3599)
contains.

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Color

**YUV(167.5210, 9.1101,
-122.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	1CEBBA
RGB	28, 235, 186
RGB Percent	11%, 92%, 73%
CMY	0.8902, 0.0784, 0.2706
CMYK	0.88, 0.00, 0.21, 0.08
HSL	166°, 84%, 52%
HSV	166°, 88%, 92%
XYZ	39.0501, 63.2087, 56.5967
YIQ	167.5210, -107.6430, -59.1230

Conversions

Conversions Part 2

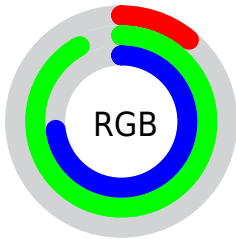
Format	Color
R_{YB}	28, 145, 235
Decimal	1895354
CIE _{Lab}	83.55, -57.40, 10.83
CIE _{LCh}	84, 58.412, 169.312
Yxy	63.2087, 0.2458, 0.3979
Android (android.graphics.Color)	4280085434 (0xFF1CEBBA)
YUV	167.5210, 9.1101, -122.3599
Hunter-Lab	79.5039, -51.4575, 13.4458

Details

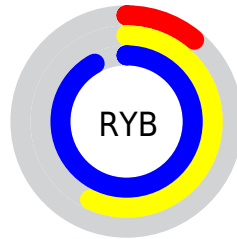
The YUV color **167.5210, 9.1101, -122.3599** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **95.4790, -9.1101, 122.3599**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2560, 14.6638, -83.5395**, and **119.6480, 6.5825, -104.9313** is the 20% darker color. If you saturate the color by 10%, you get **159.6610, 10.0271, -136.5147**, and if you desaturate by 10%, it is **175.3810, 8.1932, -108.2051**.

Distribution



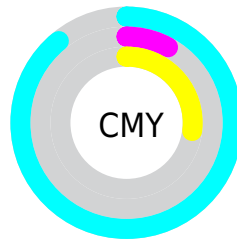
- Red (11%)
- Green (92%)
- Blue (73%)



- Red (11%)
- Yellow (57%)
- Blue (92%)



- Cyan (88%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (89%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5210, 9.1101, -122.3599 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 167.5210, 9.1101, -122.3599 by changing the saturation by 10% instead.

■ 167.5210, 9.1101,
-122.3599

■ 167.5210, 9.1101,
-122.3599

■ 255.0000, 0.0000,
0.0000

■ 139.0480, 9.8363,
-121.9451

■ 212.2560, 14.6638,
-83.5395

■ 119.6480, 6.5825,
-104.9313

■ 223.6050, 15.4777,
-64.5516

■ 100.3620, 3.7655,
-88.0175

■ 233.1730, 10.7607,
-44.8787

■ 82.2500, 0.3698,
-72.1333

■ 242.7410, 6.0437,
-25.2059

■ 63.7790, -1.8630,
-55.9342

■ 252.3090, 1.3267,
-5.5330

■ 46.5960, -4.2378,
-40.8647

■ 30.8150, -6.3178,

-27.0248

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 167.5210, 9.1101,
-122.3599

■ 167.5210, 9.1101,
-122.3599

■ 159.6610, 10.0271,
-136.5147

■ 175.3810, 8.1932,
-108.2051

■ 158.3510, 10.1800,
-138.8738

■ 182.8280, 6.9868,
-94.5652

■ 190.3890, 6.2172,
-81.0252

■ 198.1350, 4.8634,
-66.7704

■ 205.9950, 3.9465,
-52.6156

■ 213.4420, 2.7401,
-38.9756

■ 221.3020, 1.8231,
-24.8209

■ 228.8630, 1.0535,
-11.2809

■ 236.6090, -0.3002,
2.9739

Harmonies

Analogous

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



191.5700, -28.3820, -43.4729



167.5210, 9.1101, -122.3599



166.2340, 37.8456, -145.7872

Triad

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



167.5210, 9.1101, -122.3599



200.8770, 26.6826, -18.3091



195.2090, -33.6270, 52.4367

Complementary

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



167.5210, 9.1101, -122.3599



95.4790, -9.1101, 122.3599

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.



192.4630, -8.6093, 54.8449



167.5210, 9.1101, -122.3599



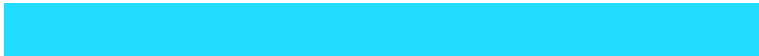
210.9750, 21.7043, 38.6099

Square

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



167.5210, 9.1101, -122.3599



168.3760, 42.7056, -117.8478



198.7330, 15.4146, 49.3462



203.6430, -52.0820, 45.0401

Rectangle

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



167.5210, 9.1101, -122.3599



166.4280, 43.6660, -145.9574



198.7330, 15.4146, 49.3462



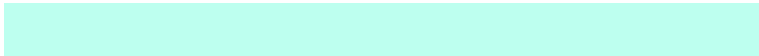
193.2830, -25.7755, 54.1258

Sweetspot

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



167.5210, 9.1101, -122.3599



233.4420, 2.7401, -38.9756



165.0570, -67.5691, -74.5950



114.9000, 1.5283, -23.5913



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.



167.5210, 9.1101, -122.3599



171.9150, 11.3809, -150.7695



142.5830, 45.5616, -100.4893



113.4830, 0.7479, -6.5626



121.9790, 7.8984, -106.9756



36.3720, 2.2816, -31.8982

Inverse Universe

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



95.4790, -9.1101, 122.3599



83.0850, -11.3809, 150.7695



120.4170, -45.5616, 100.4893



109.5170, -0.7479, 6.5626



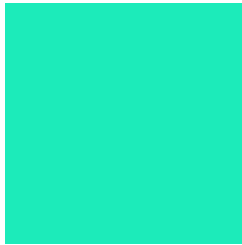
59.0210, -7.8984, 106.9756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 167.5210, 9.1101, -122.3599 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 167.5210, 9.1101, -122.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

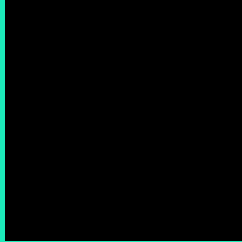
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

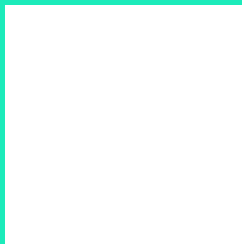
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.5210, 9.1101, -122.3599

Background



This preview shows how black text looks on a background with the YUV color 167.5210, 9.1101, -122.3599.



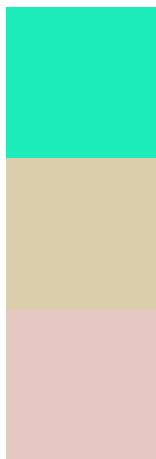
This preview shows how white text looks on a background with the YUV color 167.5210, 9.1101, -122.3599.

-122.3599.

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

167.5210, 9.1101, -122.3599

Protanopia

205.5980, -17.0568, 10.8766

Deuteranopia

207.9980, -6.9010, 20.1728



Tritanopia

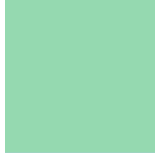
183.9030, 30.1208, -94.6309

Trichromacy



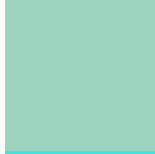
Original Color

167.5210, 9.1101, -122.3599



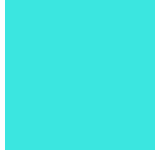
Protanomaly

191.9940, -7.8850, -37.7057



Deuteranomaly

193.1610, -1.0654, -31.7132



Tritanomaly

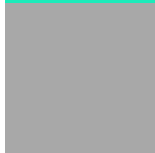
178.1870, 22.5858, -104.5270

Monochromacy



Original Color

167.5210, 9.1101, -122.3599



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.6370, 3.6300, -44.4086

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5210, 9.1101, -122.3599 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(28, 235, 186)` looks like.

```
.text, #text, p{  
    color:rgb(28, 235, 186)  
}
```

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(28, 235, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 235, 186) }
```

Border

The CSS property to change the border of an element to YUV 167.5210, 9.1101, -122.3599 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(28, 235, 186) }
```


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

```
.border{ border-color:rgb(28, 235, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 235, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 235, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 235, 186);  
box-shadow:4px 4px 4px 4px rgb(28, 235,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 167.5210, 9.1101, -122.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 235, 186) }
```

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

```
.background{ background-color: rgb(28, 235,  
186) }
```

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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