

Converting Colors

YUV(167.4490, 8.6526,
-68.7998)

Have a look what the booklet for
YUV(167.4490, 8.6526, -68.7998)
contains.

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Color

**YUV(167.4490, 8.6526,
-68.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	59CCB9
RGB	89, 204, 185
RGB Percent	35%, 80%, 73%
CMY	0.6510, 0.2000, 0.2745
CMYK	0.56, 0.00, 0.09, 0.20
HSL	170°, 53%, 57%
HSV	170°, 56%, 80%
XYZ	34.4696, 48.8124, 53.5039
YIQ	167.4490, -62.4410, -30.2890

Conversions

Conversions Part 2

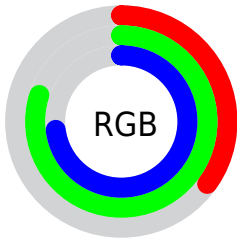
Format	Color
RYB	89, 152, 204
Decimal	5885113
CIELab	75.33, -37.12, -0.35
CIElCh	75, 37.122, 180.541
Yxy	48.8124, 0.2520, 0.3569
Android (android.graphics.Color)	4284075193 (0xFF59CCB9)
YUV	167.4490, 8.6526, -68.7998
Hunter-Lab	69.8658, -34.1988, 3.5012

Details

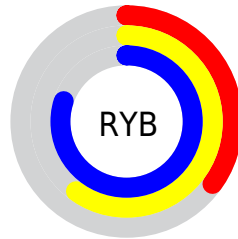
The YUV color **167.4490, 8.6526, -68.7998** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **125.5510, -8.6526, 68.7998**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4110, 9.6574, -64.3814**, and **104.6040, 13.5062, -85.5987** is the 20% darker color. If you saturate the color by 10%, you get **161.1270, 10.2904, -80.7954**, and if you desaturate by 10%, it is **173.7710, 7.0149, -56.8042**.

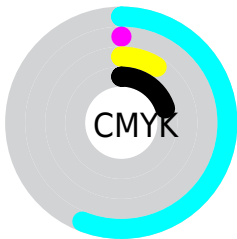
Distribution



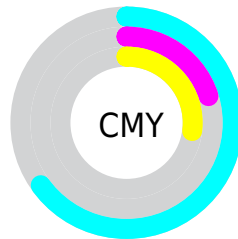
- Red (35%)
- Green (80%)
- Blue (73%)



- Red (35%)
- Yellow (60%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.4490, 8.6526, -68.7998 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 167.4490, 8.6526, -68.7998 by changing the saturation by 10% instead.

167.4490, 8.6526,
-68.7998

167.4490, 8.6526,
-68.7998

255.0000, 0.0000,
0.0000

138.3670, 9.6791,
-71.3589

221.4110, 9.6574,
-64.3814

104.6040, 13.5062,
-85.5987

231.9770, 11.3503,
-47.3378

84.3990, 11.1423,
-74.0179

240.6480, 7.0755,
-29.5093

66.4010, 8.1833,
-58.2337

249.6180, 2.6533,
-11.0660

49.6910, 5.0823,
-43.5790

33.0950, 2.4182,
-29.0243

18.4880, -0.2406,

-16.2140

■ 0.0000, 0.0000,
0.0000

■ 167.4490, 8.6526,
-68.7998

■ 167.4490, 8.6526,
-68.7998

■ 161.1270, 10.2904,
-80.7954

■ 173.7710, 7.0149,
-56.8042

■ 154.3920, 11.6387,
-93.3058

■ 180.5060, 5.6665,
-44.2938

■ 148.0700, 13.2765,
-105.3014

■ 186.8280, 4.0288,
-32.2982

■ 141.4490, 15.0616,
-117.9118

■ 193.4490, 2.2436,
-19.6878

■ 139.1280, 15.2199,
-122.0153

■ 199.8850, 1.0427,
-7.7921

■ 206.2070, -0.5951,
4.2035

■ 212.9420, -1.9434,
16.7139

■ 219.2640, -3.5812,
28.7095

■ 220.5030, -2.7130,
30.2539

Harmonies

Analogous

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



174.6690, -11.6688, -37.4207



167.4490, 8.6526, -68.7998



161.7680, 28.2154, -90.1275

Triad

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



167.4490, 8.6526, -68.7998



188.2370, 27.4912, 2.4232



186.0060, -29.0900, 43.8447

Complementary

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



167.4490, 8.6526, -68.7998



125.5510, -8.6526, 68.7998

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.



187.7700, -17.6346, 56.3297



167.4490, 8.6526, -68.7998



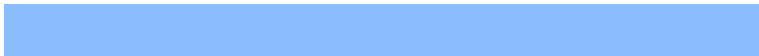
190.4060, 14.5898, 33.8469

Square

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



167.4490, 8.6526, -68.7998



181.3460, 35.3254, -37.1374



189.2870, -1.6205, 53.2453



183.5380, -32.8032, 21.4532

Rectangle

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



167.4490, 8.6526, -68.7998



165.3480, 35.3244, -83.6202



189.2870, -1.6205, 53.2453



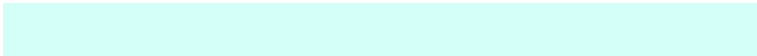
186.5490, -25.9067, 49.5075

Sweetspot

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



167.4490, 8.6526, -68.7998



241.3450, 3.2809, -25.7356



162.1860, -36.0807, -47.5211



119.6560, 1.6486, -15.4843



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.



167.4490, 8.6526, -68.7998



199.9670, 12.8343, -103.4571



147.3090, 27.9487, -51.1370



98.7820, 0.6005, -5.9478



113.1740, 12.2392, -99.2536



25.9540, 2.9807, -22.7617

Inverse Universe

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



125.5510, -8.6526, 68.7998



136.9190, -13.2711, 103.5570



145.6910, -27.9487, 51.1370



95.1040, -1.0373, 6.0478



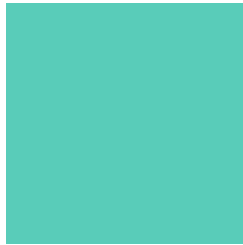
52.7120, -12.6760, 99.3536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 167.4490, 8.6526, -68.7998 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 167.4490, 8.6526, -68.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

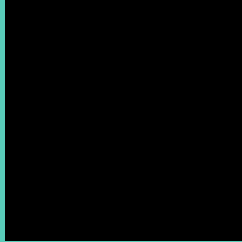
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

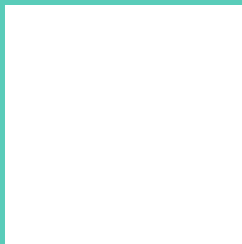
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.4490, 8.6526, -68.7998

Background



This preview shows how black text looks on a background with the YUV color 167.4490, 8.6526, -68.7998.



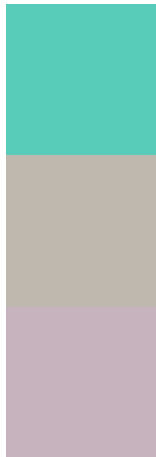
This preview shows how white text looks on a background with the YUV color 167.4490, 8.6526, -68.7998.

-68.7998.

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

167.4490, 8.6526, -68.7998

Protanopia

184.6540, -5.2524, 4.6884

Deuteranopia

186.2340, 1.8566, 11.1958



Tritanopia

171.9240, 21.7295, -63.0773

Trichromacy



Original Color

167.4490, 8.6526, -68.7998



Protanomaly

178.1560, -0.0769, -22.0618



Deuteranomaly

179.3290, 4.2748, -17.8285



Tritanomaly

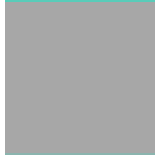
170.0610, 17.2249, -64.9515

Monochromacy



Original Color

167.4490, 8.6526, -68.7998



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.0570, 3.4229, -24.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.4490, 8.6526, -68.7998 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(89, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(89, 204, 185)  
}
```

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(89, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 204, 185) }
```

Border

The CSS property to change the border of an element to YUV 167.4490, 8.6526, -68.7998 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(89, 204, 185) }
```


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

```
.border{ border-color:rgb(89, 204, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 204, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(89, 204,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 167.4490, 8.6526, -68.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 204, 185) }
```

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

```
.background{ background-color: rgb(89, 204,  
185) }
```

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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