

Converting Colors

YUV(173.1000, -8.9233,
-78.1407)

Have a look what the booklet for
YUV(173.1000, -8.9233, -78.1407)
contains.

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Color

**YUV(173.1000, -8.9233,
-78.1407)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 54DE9B |
| RGB | 84, 222, 155 |
| RGB Percent | 33%, 87%, 61% |
| CMY | 0.6706, 0.1294, 0.3922 |
| CMYK | 0.62, 0.00, 0.30, 0.13 |
| HSL | 151°, 68%, 60% |
| HSV | 151°, 62%, 87% |
| XYZ | 35.6938, 56.4939, 40.0335 |
| YIQ | 173.1000, -60.7410, -50.0930 |

Conversions

Conversions Part 2

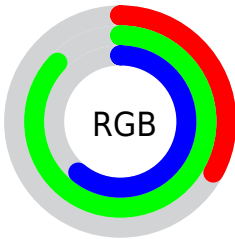
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 84, 175, 222 |
| Decimal | 5562011 |
| CIELab | 79.89, -52.60, 22.06 |
| CIELCh | 80, 57.038, 157.253 |
| Yxy | 56.4939, 0.2700, 0.4273 |
| Android (android.graphics.Color) | 4283752091 (0xFF54DE9B) |
| YUV | 173.1000, -8.9233, -78.1407 |
| Hunter-Lab | 75.1624, -46.7666, 21.0343 |

Details

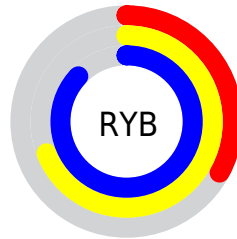
The YUV color **173.1000, -8.9233, -78.1407** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **132.9000, 8.9233, 78.1407**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2790, -3.5885, -62.5117**, and **109.1840, -3.0487, -95.7544** is the 20% darker color. If you saturate the color by 10%, you get **165.2680, -10.4851, -90.5660**, and if you desaturate by 10%, it is **180.9320, -7.3615, -65.7154**.

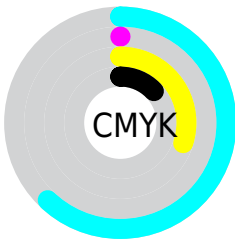
Distribution



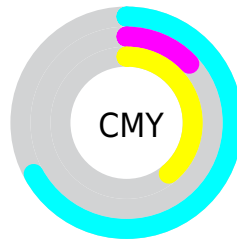
- Red (33%)
- Green (87%)
- Blue (61%)



- Red (33%)
- Yellow (69%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1000, -8.9233, -78.1407 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 173.1000, -8.9233, -78.1407 by changing the saturation by 10% instead.

■ 173.1000, -8.9233,
-78.1407

■ 173.1000, -8.9233,
-78.1407

255.0000, 0.0000,
0.0000

■ 142.9360, -6.8704,
-83.2589

■ 217.2790, -3.5885,
-62.5117

■ 109.1840, -3.0487,
-95.7544

■ 229.4410, 4.2196,
-46.8678

■ 90.5990, -5.7183,
-79.4553

■ 240.3490, 7.2229,
-30.1241

■ 72.1280, -7.9511,
-63.2563

■ 249.3190, 2.8007,
-11.6808

■ 54.8310, -10.7627,
-48.0868

■ 37.6480, -13.1375,
-33.0173

■ 23.4800, -11.5756,

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 173.1000, -8.9233,
-78.1407

■ 173.1000, -8.9233,
-78.1407

■ 165.2680,
-10.4851, -90.5660

■ 180.9320, -7.3615,
-65.7154

■ 157.4360,
-12.0469, -102.9914

■ 188.7640, -5.7997,
-53.2900

■ 149.4190,
-13.0246, -116.1315

■ 196.7810, -4.8220,
-40.1499

■ 143.3100,
-14.4498, -125.6829

■ 204.6130, -3.2602,
-27.7246

■ 212.4450, -1.6984,
-15.2993

■ 220.2770, -0.1366,
-2.8739

■ 227.9950, 0.9885,
9.6514

■ 234.0330, 3.4347,
18.3881

■ 235.2870, 8.2395,
17.2883

Harmonies

Analogous

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



185.9980, -37.4670, -22.8002



173.1000, -8.9233, -78.1407



156.0150, 26.6146, -136.8252

Triad

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



173.1000, -8.9233, -78.1407



184.7530, 34.6318, -48.0184



186.8430, -25.0656, 59.7737

Complementary

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



173.1000, -8.9233, -78.1407



132.9000, 8.9233, 78.1407

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.



187.3740, -0.1844, 59.3080



173.1000, -8.9233, -78.1407



199.6240, 27.3004, 16.9928

Square

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



173.1000, -8.9233, -78.1407



155.2750, 49.1644, -136.1762



197.5250, 20.9402, 50.4056



193.7780, -46.7256, 53.6917

Rectangle

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



173.1000, -8.9233, -78.1407



159.4180, 42.1919, -139.8096



197.5250, 20.9402, 50.4056



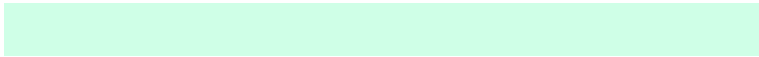
185.7320, -16.6299, 60.7480

Sweetspot

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



173.1000, -8.9233, -78.1407



237.9120, -3.4076, -27.1098



185.6370, -50.1070, -28.6226



117.3200, -2.1298, -16.9436



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.



173.1000, -8.9233, -78.1407



187.2890, -12.4675, -108.1245



180.7380, 20.3422, -84.8392



108.1410, -0.5625, -6.2627



113.6860, -11.1842, -99.7026



31.0260, -2.9708, -27.2098

Inverse Universe

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



132.9000, 8.9233, 78.1407



131.7110, 12.4675, 108.1245



125.2620, -20.3422, 84.8392



104.8590, 0.5625, 6.2627



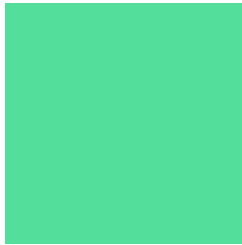
62.3140, 11.1842, 99.7026



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 173.1000, -8.9233, -78.1407 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 173.1000, -8.9233, -78.1407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

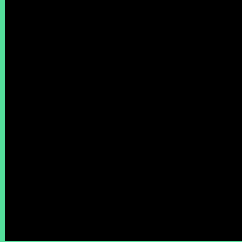
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.1000, -8.9233, -78.1407

Background



This preview shows how black text looks on a background with the YUV color 173.1000, -8.9233, -78.1407.



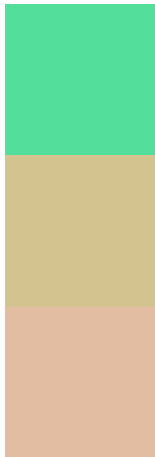
This preview shows how white text looks on a background with the YUV color 173.1000, -8.9233, -78.1407.

-78.1407.

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

173.1000, -8.9233, -78.1407

Protanopia

194.4430, -25.3614, 14.5205

Deuteranopia

197.2840, -17.3950, 26.0609



Tritanopia

183.2550, 23.0453, -65.1216

Trichromacy



Original Color

173.1000, -8.9233, -78.1407



Protanomaly

186.4280, -19.4380, -18.7924



Deuteranomaly

188.4380, -14.5129, -11.7851



Tritanomaly

179.8340, 11.4208, -70.0144

Monochromacy



Original Color

173.1000, -8.9233, -78.1407



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.2000, -3.5496, -28.2394

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1000, -8.9233, -78.1407 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(84, 222, 155)` looks like.

```
.text, #text, p{  
    color:rgb(84, 222, 155)  
}
```

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(84, 222, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 222, 155) }
```

Border

The CSS property to change the border of an element to YUV 173.1000, -8.9233, -78.1407 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(84, 222, 155) }
```


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

```
.border{ border-color:rgb(84, 222, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 222, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 222, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 222, 155);  
box-shadow:4px 4px 4px 4px rgb(84, 222,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 173.1000, -8.9233, -78.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 222, 155) }
```

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

```
.background{ background-color: rgb(84, 222,  
155) }
```

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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