

Converting Colors

YUV(172.7850, -7.7820,
-70.8484)

Have a look what the booklet for
YUV(172.7850, -7.7820, -70.8484)
contains.

YUV(172.7850, -7.7820, -70.8484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.7850, -7.7820,
-70.8484)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD99D
RGB	92, 217, 157
RGB Percent	36%, 85%, 62%
CMY	0.6392, 0.1490, 0.3843
CMYK	0.58, 0.00, 0.28, 0.15
HSL	151°, 62%, 61%
HSV	151°, 58%, 85%
XYZ	35.3123, 54.3353, 40.5249
YIQ	172.7850, -55.2400, -45.1600

Conversions

Conversions Part 2

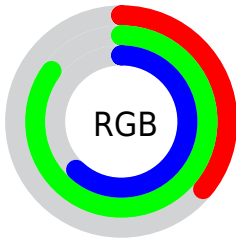
Format	Color
RYB	92, 174, 217
Decimal	6085021
CIELab	78.66, -48.56, 19.34
CIELCh	79, 52.268, 158.286
Yxy	54.3353, 0.2713, 0.4174
Android (android.graphics.Color)	4284275101 (0xFF5CD99D)
YUV	172.7850, -7.7820, -70.8484
Hunter-Lab	73.7125, -43.4857, 19.0029

Details

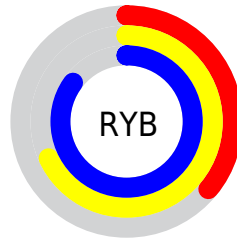
The YUV color **172.7850, -7.7820, -70.8484** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **136.2150, 7.7820, 70.8484**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0020, -3.4520, -59.6378**, and **110.3640, -2.6445, -85.3882** is the 20% darker color. If you saturate the color by 10%, you get **165.0670, -8.9070, -83.3738**, and if you desaturate by 10%, it is **180.5030, -6.6570, -58.3231**.

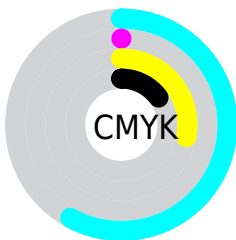
Distribution



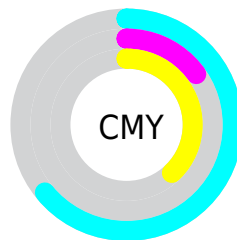
- Red (36%)
- Green (85%)
- Blue (62%)



- Red (36%)
- Yellow (68%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7850, -7.7820, -70.8484 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 172.7850, -7.7820, -70.8484 by changing the saturation by 10% instead.

172.7850, -7.7820,
-70.8484

172.7850, -7.7820,
-70.8484

255.0000, 0.0000,
0.0000

143.8170, -6.3188,
-73.5075

219.0020, -3.4520,
-59.6378

110.3640, -2.6445,
-85.3882

231.1640, 4.3561,
-43.9938

87.8920, -3.3978,
-77.0813

241.8440, 6.4859,
-27.0502

70.0080, -5.9199,
-61.3970

250.8140, 2.0637,
-8.6069

52.7110, -8.7315,
-46.2275

35.6420, -10.6695,
-31.2580

21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 172.7850, -7.7820,
-70.8484

■ 172.7850, -7.7820,
-70.8484

■ 165.0670, -8.9070,
-83.3738

■ 180.5030, -6.6570,
-58.3231

■ 157.5340,
-10.6163, -95.1843

■ 188.0360, -4.9477,
-46.5126

■ 149.8160,
-11.7413, -107.7096

■ 195.7540, -3.8227,
-33.9873

■ 141.9840,
-13.3031, -120.1350

■ 203.5860, -2.2609,
-21.5619

■ 140.2610,
-13.4397, -123.0089

■ 211.3040, -1.1359,
-9.0366

■ 218.7230, 0.1366,
2.8739

■ 226.5550, 1.6984,
15.2993

■ 230.9840, 4.4449,
21.0620

■ 232.2380, 9.2497,
19.9623

Harmonies

Analogous

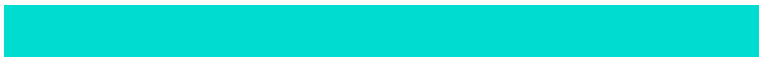
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



183.4480, -33.2519, -21.4409



172.7850, -7.7820, -70.8484



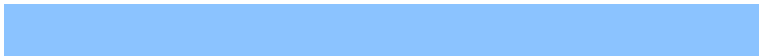
152.7380, 26.7512, -133.9512

Triad

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



172.7850, -7.7820, -70.8484



185.0960, 34.4627, -40.4262



187.5440, -24.9182, 59.1589

Complementary

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



172.7850, -7.7820, -70.8484



136.2150, 7.7820, 70.8484

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.



187.5050, -2.2210, 59.1931



172.7850, -7.7820, -70.8484



197.8520, 28.1740, 16.7928

Square

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



172.7850, -7.7820, -70.8484



151.7530, 50.9008, -133.0874



196.6130, 17.4458, 51.2054



192.5760, -43.6680, 52.9918

Rectangle

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



172.7850, -7.7820, -70.8484



155.7990, 41.0181, -136.6357



196.6130, 17.4458, 51.2054



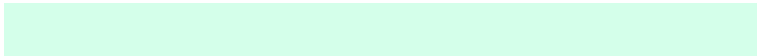
186.7920, -17.6455, 59.8184

Sweetspot

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



172.7850, -7.7820, -70.8484



239.7490, -2.8343, -24.3359



183.3150, -45.0183, -27.4633



118.7440, -1.8458, -14.6845



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.



172.7850, -7.7820, -70.8484



192.8000, -10.7474, -99.8026



178.4510, 19.0047, -75.8175



106.0270, -0.9993, -6.1627



111.8110, -10.7528, -98.0582



29.7380, -2.8288, -26.0802

Inverse Universe

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



136.2150, 7.7820, 70.8484



141.3140, 11.1842, 99.7026



130.5490, -19.0047, 75.8175



102.8590, 0.5625, 6.2627



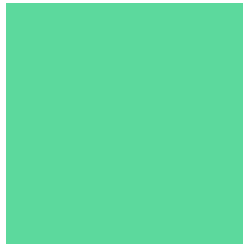
61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 172.7850, -7.7820, -70.8484 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 172.7850, -7.7820, -70.8484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

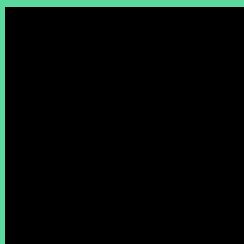
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

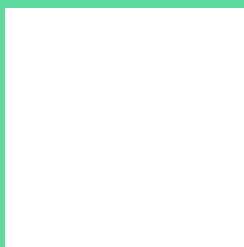
Any Text WCAG AAA ✓ Pass

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

YUV 172.7850, -7.7820, -70.8484 Background



This preview shows how black text looks on a background with the YUV color 172.7850, -7.7820, -70.8484.



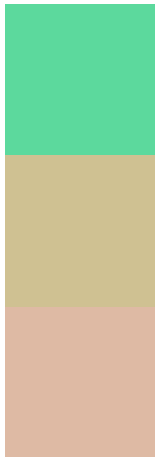
This preview shows how white text looks on a background with the YUV color 172.7850, -7.7820, -70.8484.

-70.8484.

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

172.7850, -7.7820, -70.8484

Protanopia

191.8280, -22.5932, 13.3058

Deuteranopia

194.2560, -14.9162, 24.3315



Tritanopia

181.5330, 21.4292, -60.1034

Trichromacy



Original Color

172.7850, -7.7820, -70.8484



Protanomaly

185.0090, -17.2594, -17.5479



Deuteranomaly

186.3180, -12.4818, -9.9259



Tritanomaly

178.0520, 10.8204, -64.0666

Monochromacy



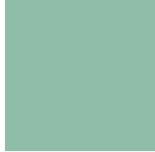
Original Color

172.7850, -7.7820, -70.8484



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.0370, -2.9762, -25.4654

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7850, -7.7820, -70.8484 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(92, 217, 157)` looks like.

```
.text, #text, p{  
    color:rgb(92, 217, 157)  
}
```

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(92, 217, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 217, 157) }
```

Border

The CSS property to change the border of an element to YUV 172.7850, -7.7820, -70.8484 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(92, 217, 157) }
```


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

```
.border{ border-color:rgb(92, 217, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 217, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 217, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 217, 157); box-shadow:4px 4px 4px 4px rgb(92, 217, 157) }
```

Background

The CSS property to change the background color of an element to YUV 172.7850, -7.7820, -70.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 217, 157) }
```

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

```
.background{ background-color: rgb(92, 217,  
157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor