

Converting Colors

YUV(157.8230, 4.5243,
-98.0688)

Have a look what the booklet for
YUV(157.8230, 4.5243, -98.0688)
contains.

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Color

**YUV(157.8230, 4.5243,
-98.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED5A7
RGB	46, 213, 167
RGB Percent	18%, 84%, 65%
CMY	0.8196, 0.1647, 0.3451
CMYK	0.78, 0.00, 0.22, 0.16
HSL	163°, 67%, 51%
HSV	163°, 78%, 84%
XYZ	31.8960, 50.9594, 44.7143
YIQ	157.8230, -84.7660, -49.7100

Conversions

Conversions Part 2

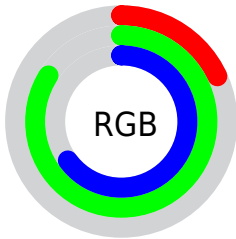
Format	Color
RYB	46, 143, 213
Decimal	3069351
CIELab	76.65, -51.91, 11.09
CIELCh	77, 53.085, 167.942
Yxy	50.9594, 0.2500, 0.3995
Android (android.graphics.Color)	4281259431 (0xFF2ED5A7)
YUV	157.8230, 4.5243, -98.0688
Hunter-Lab	71.3858, -45.1693, 12.8323

Details

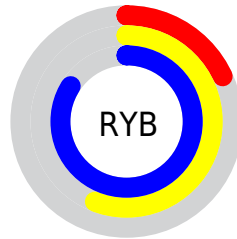
The YUV color **157.8230, 4.5243, -98.0688** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **101.1770, -4.5243, 98.0688**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5740, 5.6330, -80.3104**, and **105.2690, 4.7974, -92.3209** is the 20% darker color. If you saturate the color by 10%, you get **150.8600, 4.9990, -110.3792**, and if you desaturate by 10%, it is **164.7860, 4.0495, -85.7583**.

Distribution



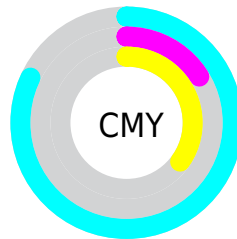
- Red (18%)
- Green (84%)
- Blue (65%)



- Red (18%)
- Yellow (56%)
- Blue (84%)



- Cyan (78%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8230, 4.5243, -98.0688 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 157.8230, 4.5243, -98.0688 by changing the saturation by 10% instead.

■ 157.8230, 4.5243,
-98.0688

■ 157.8230, 4.5243,
-98.0688

255.0000, 0.0000,
0.0000

■ 124.6690, 8.0512,
-109.3347

■ 210.5740, 5.6330,
-80.3104

■ 105.2690, 4.7974,
-92.3209

■ 223.1490, 13.7305,
-64.1517

■ 86.5700, 1.6910,
-75.9219

■ 232.8740, 10.9081,
-45.4935

■ 68.6860, -0.8312,
-60.2376

■ 242.1430, 6.3385,
-26.4354

■ 51.5030, -3.2060,
-45.1681

■ 251.4120, 1.7689,
-7.3773

■ 35.0210, -5.4334,
-30.7134

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 157.8230, 4.5243,
-98.0688

■ 157.8230, 4.5243,
-98.0688

■ 150.8600, 4.9990,
-110.3792

■ 164.7860, 4.0495,
-85.7583

■ 143.5980, 5.6212,
-123.3044

■ 172.0480, 3.4273,
-72.8331

■ 142.5870, 5.6266,
-125.0488


■ 179.0110, 2.9526,
-60.5226


■ 185.8600, 2.0410,
-48.1122

■ 193.1220, 1.4189,
-35.1870

 200.0850, 0.9441,
-22.8765

 207.0480, 0.4693,
-10.5661

 214.0110, -0.0054,
1.7444

 221.2730, -0.6276,
14.6696

Harmonies

Analogous

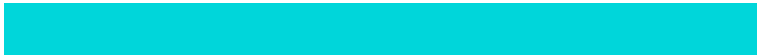
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.0700, -26.6565, -36.8954



157.8230, 4.5243, -98.0688



150.4700, 33.2923, -131.9622

Triad

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



157.8230, 4.5243, -98.0688



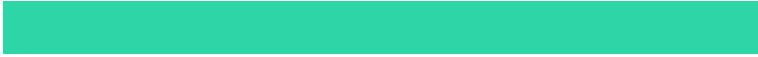
185.2170, 34.4030, -21.2383



184.7910, -32.9280, 61.5733

Complementary

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



157.8230, 4.5243, -98.0688



101.1770, -4.5243, 98.0688

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.



182.0620, -10.3836, 63.9666



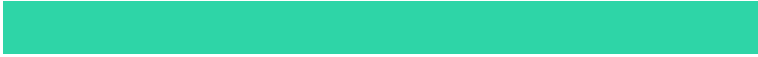
157.8230, 4.5243, -98.0688



194.6950, 29.7304, 30.9625

Square

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



157.8230, 4.5243, -98.0688



156.3370, 48.6409, -108.1665



188.3490, 11.1669, 58.4529



186.0110, -46.8404, 43.8404

Rectangle

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



157.8230, 4.5243, -98.0688



152.7160, 46.9750, -133.9319



188.3490, 11.1669, 58.4529



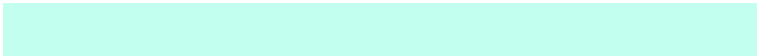
182.7510, -25.5132, 63.3624

Sweetspot

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



157.8230, 4.5243, -98.0688



234.8230, 1.5663, -35.8018



158.0820, -55.2564, -57.0769



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.



157.8230, 4.5243, -98.0688



175.7160, 6.5490, -140.9479



141.9350, 35.0350, -84.1350



103.3690, 0.3111, -6.4626



114.5130, 4.6771, -100.4279



28.7750, 1.0969, -25.2357

Inverse Universe

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



101.1770, -4.5243, 98.0688



94.2840, -6.5490, 140.9479



117.0650, -35.0350, 84.1350



99.6310, -0.3111, 6.4626



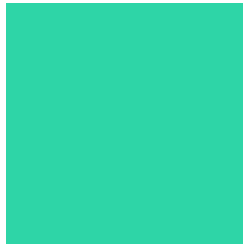
56.4870, -4.6771, 100.4279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 157.8230, 4.5243, -98.0688 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 157.8230, 4.5243, -98.0688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

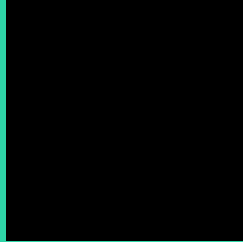
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

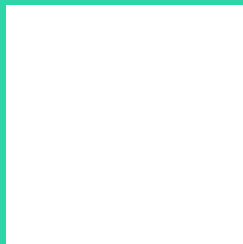
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.8230, 4.5243, -98.0688

Background



This preview shows how black text looks on a background with the YUV color 157.8230, 4.5243, -98.0688.

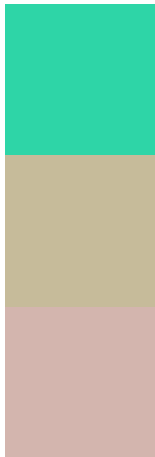


This preview shows how white text looks on a background with the YUV color 157.8230, 4.5243, -98.0688.

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

157.8230, 4.5243, -98.0688

Protanopia

186.5270, -16.0358, 10.0618

Deuteranopia

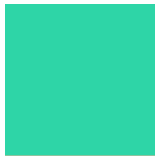
189.1720, -7.4798, 19.1432



Tritanopia

169.5520, 25.8569, -80.2911

Trichromacy



Original Color

157.8230, 4.5243, -98.0688



Protanomaly

175.9350, -8.3490, -28.8840



Deuteranomaly

177.9340, -3.4185, -23.6211



Tritanomaly

165.4450, 18.0216, -87.2133

Monochromacy



Original Color

157.8230, 4.5243, -98.0688



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.8230, 1.5663, -35.8018

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8230, 4.5243, -98.0688 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(46, 213, 167)` looks like.

```
.text, #text, p{  
    color:rgb(46, 213, 167)  
}
```

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(46, 213, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 213, 167) }
```

Border

The CSS property to change the border of an element to YUV 157.8230, 4.5243, -98.0688 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(46, 213, 167) }
```


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

```
.border{ border-color:rgb(46, 213, 167) }
```

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

Here you see how a box with a 4 pixel rgb(46, 213, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 213, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 213, 167);  
box-shadow:4px 4px 4px 4px rgb(46, 213,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 157.8230, 4.5243, -98.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 213, 167) }
```

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

```
.background{ background-color: rgb(46, 213,  
167) }
```

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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