

Converting Colors

YUV(173.8560, -12.2540,
-83.1887)

Have a look what the booklet for
YUV(173.8560, -12.2540, -83.1887)
contains.

YUV(173.8560, -12.2540, -83.1887)	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(173.8560, -12.2540,
-83.1887)**

Conversions

Conversions Part 1

Format	Color
Hex	4FE395
RGB	79, 227, 149
RGB Percent	31%, 89%, 58%
CMY	0.6902, 0.1098, 0.4157
CMYK	0.65, 0.00, 0.34, 0.11
HSL	148°, 73%, 60%
HSV	148°, 65%, 89%
XYZ	36.1183, 58.7704, 37.8740
YIQ	173.8560, -63.1700, -55.6340

Conversions

Conversions Part 2

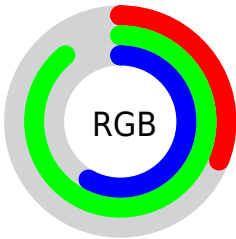
Format	Color
RYB	79, 179, 227
Decimal	5235605
CIELab	81.17, -56.66, 26.87
CIELCh	81, 62.705, 154.626
Yxy	58.7704, 0.2721, 0.4427
Android (android.graphics.Color)	4283425685 (0xFF4FE395)
YUV	173.8560, -12.2540, -83.1887
Hunter-Lab	76.6618, -50.0600, 24.3717

Details

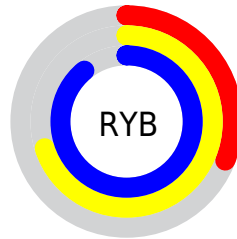
The YUV color **173.8560, -12.2540, -83.1887** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **132.1440, 12.2540, 83.1887**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3990, -5.6197, -64.3709**, and **110.9620, -6.3903, -97.3137** is the 20% darker color. If you saturate the color by 10%, you get **165.6110, -14.1052, -96.1288**, and if you desaturate by 10%, it is **182.1010, -10.4028, -70.2486**.

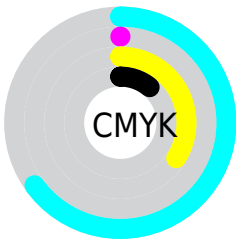
Distribution



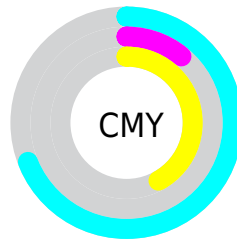
- Red (31%)
- Green (89%)
- Blue (58%)



- Red (31%)
- Yellow (70%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8560, -12.2540, -83.1887 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 173.8560, -12.2540, -83.1887 by changing the saturation by 10% instead.

■ 173.8560,
-12.2540, -83.1887

■ 173.8560,
-12.2540, -83.1887

■ 255.0000, 0.0000,
0.0000

■ 141.9090, -9.3221,
-90.2512

■ 215.3990, -5.6197,
-64.3709

■ 110.9620, -6.3903,
-97.3137

■ 227.8600, 2.0410,
-48.1122

■ 92.2630, -9.4967,
-80.9147

■ 239.4520, 7.6652,
-31.9684

■ 73.7920, -11.7295,
-64.7156

■ 248.7210, 3.0955,
-12.9103

■ 56.4950, -14.5410,
-49.5461

■ 39.0840, -17.7894,
-34.2767

■ 25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 173.8560,
-12.2540, -83.1887

■ 173.8560,
-12.2540, -83.1887

■ 165.6110,
-14.1052, -96.1288

■ 182.1010,
-10.4028, -70.2486

■ 157.6650,
-16.1038, -108.4542


■ 190.0470, -8.4042,
-57.9232


■ 149.4200,
-17.9551, -121.3943

■ 198.2920, -6.5530,
-44.9831

■ 145.4470,
-18.9544, -127.5570

■ 206.5370, -4.7017,
-32.0429

 214.7820, -2.8505,
-19.1028

 222.7280, -0.8519,
-6.7775

 230.9730, 0.9993,
6.1627

 237.4240, 3.7350,
15.4142

 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



188.1140, -43.4402, -20.2710



173.8560, -12.2540, -83.1887



159.4230, 24.4415, -139.8140

Triad

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



173.8560, -12.2540, -83.1887



181.3980, 36.2858, -65.2470



185.3100, -23.3238, 61.1181

Complementary

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



173.8560, -12.2540, -83.1887



132.1440, 12.2540, 83.1887

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.



186.5250, 4.1782, 60.0526



173.8560, -12.2540, -83.1887



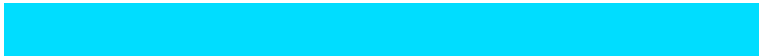
200.7870, 26.7270, 14.2188

Square

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



173.8560, -12.2540, -83.1887



158.7970, 47.4281, -139.2650



199.0070, 26.6185, 49.1059



192.7350, -48.1834, 54.6064

Rectangle

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



173.8560, -12.2540, -83.1887



163.3960, 42.2028, -143.2983



199.0070, 26.6185, 49.1059



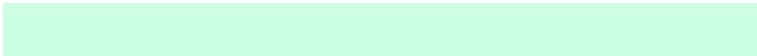
184.4270, -14.0145, 61.8925

Sweetspot

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



173.8560, -12.2540, -83.1887



236.6730, -4.2758, -28.6542



189.4970, -54.4750, -27.6229



116.7930, -2.8559, -17.3585



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.



173.8560, -12.2540, -83.1887



183.5290, -16.5298, -111.8429



182.1780, 19.6322, -90.4871



110.7280, -0.8519, -6.7775



114.6490, -15.1100, -100.5472



32.6730, -4.2758, -28.6542

Inverse Universe

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



132.1440, 12.2540, 83.1887



127.4710, 16.5298, 111.8429



123.8220, -19.6322, 90.4871



107.2720, 0.8519, 6.7775



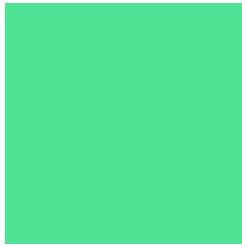
64.2370, 14.6732, 100.6472



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 173.8560, -12.2540, -83.1887 looks on a white background.

Color Contrast Check

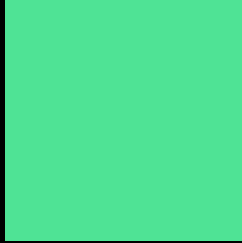
Large Text (above 18pt) WCAG AA × Fail

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 173.8560, -12.2540, -83.1887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

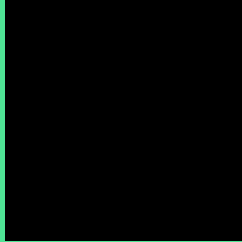
Any Text WCAG AA ✓ Pass

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 173.8560, -12.2540, -83.1887 Background



This preview shows how black text looks on a background with the YUV color 173.8560, -12.2540, -83.1887.



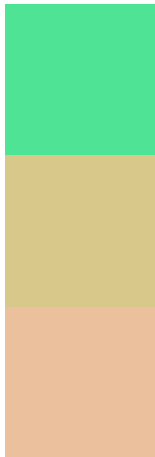
This preview shows how white text looks on a background with the YUV color 173.8560, -12.2540, -83.1887.

-83.1887.

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

173.8560, -12.2540, -83.1887

Protanopia

197.6020, -29.8768, 16.1350

Deuteranopia

200.5680, -21.4790, 29.3199



Tritanopia

185.7600, 23.7823, -68.1955

Trichromacy



Original Color

173.8560, -12.2540, -83.1887



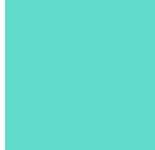
Protanomaly

188.9780, -23.6532, -20.1517



Deuteranomaly

191.1130, -18.2967, -11.5001



Tritanomaly

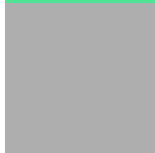
181.2850, 10.7055, -73.9179

Monochromacy



Original Color

173.8560, -12.2540, -83.1887



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.6620, -4.2704, -30.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8560, -12.2540, -83.1887 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(79, 227, 149)` looks like.

```
.text, #text, p{  
    color:rgb(79, 227, 149)  
}
```

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(79, 227, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 227, 149) }
```

Border

The CSS property to change the border of an element to YUV 173.8560, -12.2540, -83.1887 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(79, 227, 149) }
```


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

```
.border{ border-color:rgb(79, 227, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 227, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 227, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 227, 149);  
box-shadow:4px 4px 4px 4px rgb(79, 227,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 173.8560, -12.2540, -83.1887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 227, 149) }
```

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

```
.background{ background-color: rgb(79, 227,  
149) }
```

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