

Converting Colors

YUV(133.6180, -1.2907,
-99.6430)

Have a look what the booklet for
YUV(133.6180, -1.2907, -99.6430)
contains.

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Color

**YUV(133.6180, -1.2907,
-99.6430)**

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 14C083 |
| RGB | 20, 192, 131 |
| RGB Percent | 8%, 75%, 51% |
| CMY | 0.9216, 0.2471, 0.4863 |
| CMYK | 0.90, 0.00, 0.32, 0.25 |
| HSL | 159°, 81%, 42% |
| HSV | 159°, 90%, 75% |
| XYZ | 23.2349, 39.4867, 27.8698 |
| YIQ | 133.6180, -82.9310, -55.4350 |

Conversions

Conversions Part 2

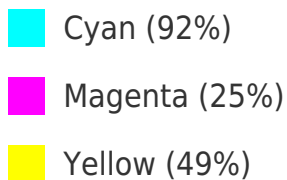
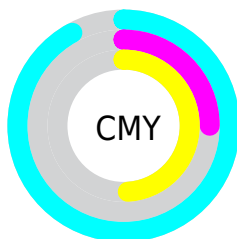
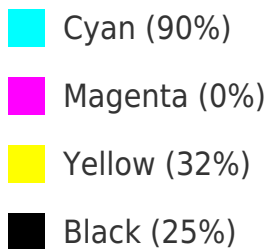
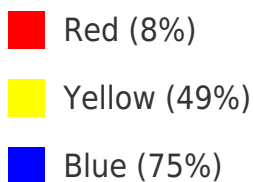
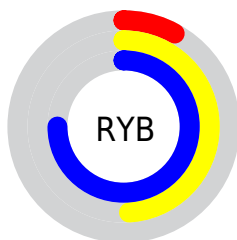
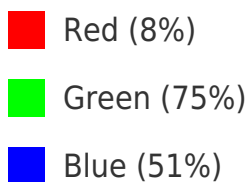
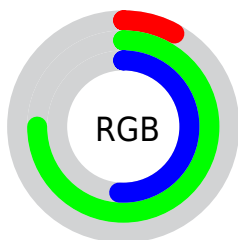
| Format | Color |
|-------------------------------------|---|
| RYB | 20, 125, 192 |
| Decimal | 1360003 |
| CIELab | 69.10, -54.19, 19.74 |
| CIELCh | 69, 57.670, 159.981 |
| Yxy | 39.4867, 0.2565, 0.4359 |
| Android (android.graphics.Color) | 4279550083 (0xFF14C083) |
| YUV | 133.6180, -1.2907, -99.6430 |
| Hunter-Lab | 62.8384, -43.9659, 17.6909 |

Details

The YUV color **133.6180, -1.2907, -99.6430** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **78.3820, 1.2907, 99.6430**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9360, -6.8704, -83.2589**, and **89.6530, -4.2659, -78.6257** is the 20% darker color. If you saturate the color by 10%, you get **127.1390, -1.5475, -110.6239**, and if you desaturate by 10%, it is **140.0970, -1.0338, -88.6621**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 133.6180, -1.2907, -99.6430 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 133.6180, -1.2907, -99.6430 by changing the saturation by 10% instead.


 133.6180, -1.2907,
-99.6430


 133.6180, -1.2907,
-99.6430


255.0000, 0.0000,
0.0000


 108.3520, -1.1595,
-95.0247


 197.9360, -6.8704,
-83.2589

 89.6530, -4.2659,
-78.6257


 213.9190, -0.9461,
-70.0890


 71.7690, -6.7881,
-62.9414


 226.0810, 6.8621,
-54.4450

 53.9990, -8.8735,
-47.3571

 237.0600, 8.8444,
-36.8866

 36.8160, -11.2483,
-32.2876

 246.0300, 4.4222,
-18.4433

 22.3060, -10.9969,
-19.5624

 0.0000, 0.0000,

0.0000

■ 133.6180, -1.2907,
-99.6430

■ 133.6180, -1.2907,
-99.6430

■ 127.1390, -1.5475,
-110.6239

■ 140.0970, -1.0338,
-88.6621

■ 126.8400, -1.4001,
-111.2387

■ 146.5760, -0.7770,
-77.6812

■ 153.2400, -1.1043,
-65.9855

■ 159.7190, -0.8475,
-55.0046

■ 166.1980, -0.5906,
-44.0236

■ 172.6770, -0.3338,
-33.0427

■ 179.1560, -0.0769,
-22.0618

■ 185.8200, -0.4043,
-10.3661

■ 192.2990, -0.1474,
0.6148

Harmonies

Analogous

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



155.5460, -35.2722, -26.7888



133.6180, -1.2907, -99.6430



135.5550, 24.3764, -118.8817

Triad

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



133.6180, -1.2907, -99.6430



158.7820, 47.4355, -48.0438



166.7590, -30.9402, 77.3874

Complementary

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



133.6180, -1.2907, -99.6430



78.3820, 1.2907, 99.6430

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.



165.3010, -6.0644, 78.6660



133.6180, -1.2907, -99.6430



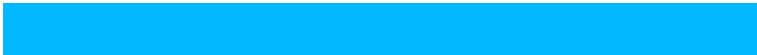
173.5670, 37.1885, 18.7967

Square

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



133.6180, -1.2907, -99.6430



137.0780, 58.1355, -120.2174



172.1740, 16.6762, 64.7454



165.1370, -47.8885, 53.3769

Rectangle

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



133.6180, -1.2907, -99.6430



138.8440, 39.5169, -121.7662



172.1740, 16.6762, 64.7454



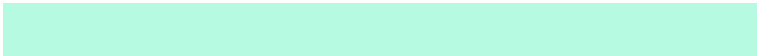
164.9470, -22.6519, 78.9765

Sweetspot

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



133.6180, -1.2907, -99.6430



226.9320, -0.4595, -39.4054



139.8010, -59.0619, -49.8145



111.4440, -0.2189, -23.1914



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.6180, -1.2907, -99.6430



165.1040, -2.0233, -144.7962



127.0710, 32.0100, -93.9013



93.5540, -0.2731, -5.7479



106.3630, -1.1650, -93.2804



21.7650, -0.3771, -19.0879

Inverse Universe

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



78.3820, 1.2907, 99.6430



84.8960, 2.0233, 144.7962



84.9290, -32.0100, 93.9013



90.4460, 0.2731, 5.7479



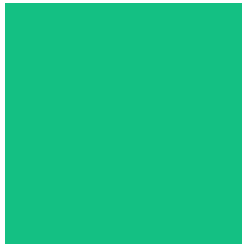
54.6370, 1.1650, 93.2804



11.2350, 0.3771, 19.0879

Previews

White Background



This preview shows how the YUV color 133.6180, -1.2907, -99.6430 looks on a white background.

Color Contrast Check

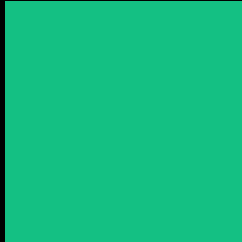
Large Text (above 18pt) WCAG AA × Fail

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 133.6180, -1.2907, -99.6430 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 133.6180, -1.2907, -99.6430

Background



This preview shows how black text looks on a background with the YUV color 133.6180, -1.2907, -99.6430.



This preview shows how white text looks on a background with the YUV color 133.6180, -1.2907, -99.6430.

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

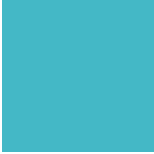
133.6180, -1.2907, -99.6430

Protanopia

165.5290, -22.4458, 12.6911

Deuteranopia

168.2450, -14.9108, 22.5871



Tritanopia

150.9120, 23.2144, -72.7138

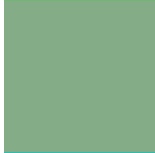
Trichromacy



Original Color
133.6180, -1.2907, -99.6430



Protanomaly
153.9260, -14.7535, -27.9991

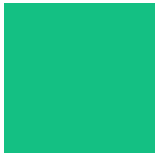


Deuteranomaly
155.5230, -10.1178, -21.5067



Tritanomaly
144.8540, 14.3690, -82.3100

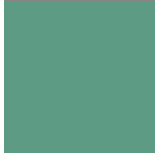
Monochromacy



Original Color
133.6180, -1.2907, -99.6430



Achromatopsia
134.0000, 0.0000, 0.0000



Achromatomaly
133.9540, -0.4703, -35.9167

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6180, -1.2907, -99.6430 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(20, 192, 131)` looks like.

```
.text, #text, p{  
    color:rgb(20, 192, 131)  
}
```

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(20, 192, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 192, 131) }
```

Border

The CSS property to change the border of an element to YUV 133.6180, -1.2907, -99.6430 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(20, 192, 131) }
```


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

```
.border{ border-color:rgb(20, 192, 131) }
```

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

Here you see how a box with a 4 pixel rgb(20, 192, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 192, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 192, 131);  
box-shadow:4px 4px 4px 4px rgb(20, 192,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 133.6180, -1.2907, -99.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 192, 131) }
```

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

```
.background{ background-color: rgb(20, 192,  
131) }
```

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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