

Converting Colors

YUV(132.7860, -2.8525,
-112.0683)

Have a look what the booklet for
YUV(132.7860, -2.8525, -112.0683)
contains.

YUV(132.7860, -2.8525, -112.0683)	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(132.7860, -2.8525,
-112.0683)**

Conversions

Conversions Part 1

Format	Color
Hex	05C77F
RGB	5, 199, 127
RGB Percent	2%, 78%, 50%
CMY	0.9804, 0.2196, 0.5020
CMYK	0.97, 0.00, 0.36, 0.22
HSL	158°, 95%, 40%
HSV	158°, 97%, 78%
XYZ	24.3168, 42.4114, 26.9833
YIQ	132.7860, -92.5120, -63.5200

Conversions

Conversions Part 2

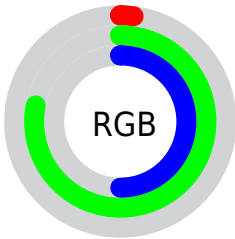
Format	Color
RYB	5, 124, 199
Decimal	378751
CIELab	71.15, -58.25, 24.64
CIElCh	71, 63.246, 157.071
Yxy	42.4114, 0.2595, 0.4526
Android (android.graphics.Color)	4278568831 (0xFF05C77F)
YUV	132.7860, -2.8525, -112.0683
Hunter-Lab	65.1240, -47.3167, 21.0208

Details

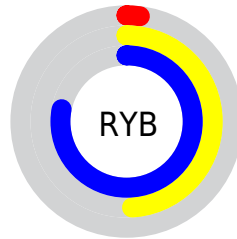
The YUV color **132.7860, -2.8525, -112.0683** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **71.2140, 2.8525, 112.0683**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4040, -10.0592, -87.1773**, and **93.3060, -8.0389, -81.8294** is the 20% darker color. If you saturate the color by 10%, you get **131.0630, -2.9891, -114.9423**, and if you desaturate by 10%, it is **139.5640, -2.7431, -100.4726**.

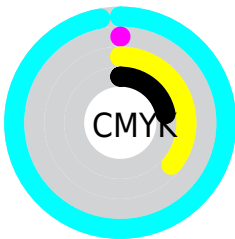
Distribution



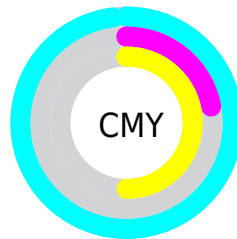
- Red (2%)
- Green (78%)
- Blue (50%)



- Red (2%)
- Yellow (49%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7860, -2.8525, -112.0683 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 132.7860, -2.8525, -112.0683 by changing the saturation by 10% instead.

■ 132.7860, -2.8525,
-112.0683

■ 132.7860, -2.8525,
-112.0683

255.0000, 0.0000,
0.0000

■ 112.0050, -4.9325,
-98.2284

■ 200.4040,
-10.0592, -87.1773

■ 93.3060, -8.0389,
-81.8294

■ 213.1640, -2.5459,
-70.3038

■ 74.8350, -10.2717,
-65.6303

■ 225.6250, 5.1149,
-54.0451

■ 56.9510, -12.7938,
-49.9460

■ 237.0600, 8.8444,
-36.8866

■ 39.6540, -15.6054,
-34.7766

■ 246.0300, 4.4222,
-18.4433

■ 25.2410, -12.4438,
-22.1364

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 132.7860, -2.8525,
-112.0683

■ 132.7860, -2.8525,
-112.0683

■ 131.0630, -2.9891,
-114.9423

■ 139.5640, -2.7431,
-100.4726

■ 146.4560, -2.1968,
-88.9769

■ 153.2340, -2.0874,
-77.3812

■ 160.1260, -1.5411,
-65.8855

■ 166.9040, -1.4317,
-54.2898

■ 173.3830, -1.1748,
-43.3089

■ 180.2750, -0.6286,
-31.8132

■ 187.0530, -0.5191,
-20.2175

■ 193.8310, -0.4097,
-8.6218

Harmonies

Analogous

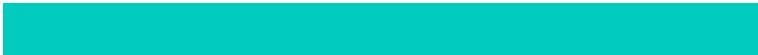
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.3630, -41.0980, -24.8744



132.7860, -2.8525, -112.0683



139.8920, 23.2242, -122.6853

Triad

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



132.7860, -2.8525, -112.0683



156.3020, 48.6581, -66.9169



166.6280, -28.9036, 77.5022

Complementary

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



132.7860, -2.8525, -112.0683



71.2140, 2.8525, 112.0683

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.



165.8540, -1.4070, 78.1810



132.7860, -2.8525, -112.0683



177.1860, 38.3623, 15.6229

Square

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



132.7860, -2.8525, -112.0683



141.7740, 55.8204, -124.3358



177.6350, 20.8859, 67.8491



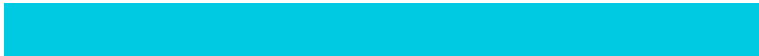
170.4540, -51.9888, 61.8688

Rectangle

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



132.7860, -2.8525, -112.0683



144.2240, 39.8226, -126.4844



177.6350, 20.8859, 67.8491



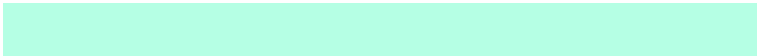
165.0440, -19.7417, 78.8914

Sweetspot

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



132.7860, -2.8525, -112.0683



229.7960, -0.8854, -42.7941



141.0040, -67.0500, -54.3775



112.6070, -0.7923, -25.9653



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.



132.7860, -2.8525, -112.0683



167.9250, -3.9070, -147.2702



127.4930, 35.2530, -107.4264



95.9670, 0.0163, -5.2331



107.4230, -2.1805, -94.2100



23.6400, -0.8085, -20.7323

Inverse Universe

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



71.2140, 2.8525, 112.0683



87.0750, 3.9070, 147.2702



76.5070, -35.2530, 107.4264



93.0330, -0.0163, 5.2331



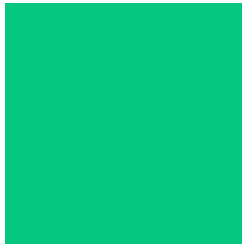
55.6910, 2.6173, 94.1100



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 132.7860, -2.8525, -112.0683 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 132.7860, -2.8525, -112.0683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

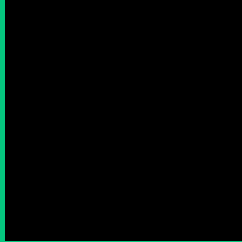
Any Text WCAG AA ✓ Pass

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 132.7860, -2.8525, -112.0683 Background



This preview shows how black text looks on a background with the YUV color 132.7860, -2.8525, -112.0683.

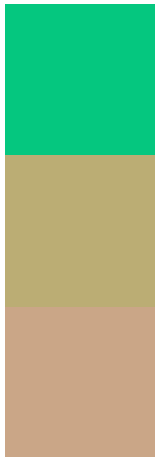


This preview shows how white text looks on a background with the YUV color 132.7860, -2.8525, -112.0683.

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

132.7860, -2.8525, -112.0683

Protanopia

170.6880, -26.9612, 14.3056

Deuteranopia

173.2300, -18.8474, 25.2313



Tritanopia

155.8300, 24.2408, -75.2729

Trichromacy



Original Color

132.7860, -2.8525, -112.0683



Protanomaly

156.6930, -18.0896, -31.3028



Deuteranomaly

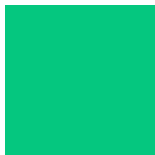
158.4040, -13.0172, -24.9103



Tritanomaly

147.2230, 14.6801, -88.7726

Monochromacy



Original Color

132.7860, -2.8525, -112.0683



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8070, -0.8909, -41.0497

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7860, -2.8525, -112.0683 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(5, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(5, 199, 127)  
}
```

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(5, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 199, 127) }
```

Border

The CSS property to change the border of an element to YUV 132.7860, -2.8525, -112.0683 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(5, 199, 127) }
```


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

```
.border{ border-color:rgb(5, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 199, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 199, 127);  
box-shadow:4px 4px 4px 4px rgb(5, 199,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 132.7860, -2.8525, -112.0683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 199, 127) }
```

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

```
.background{ background-color: rgb(5, 199,  
127) }
```

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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