

Converting Colors

YUV(128.2270, -1.5909,
-96.6691)

Have a look what the booklet for
YUV(128.2270, -1.5909, -96.6691)
contains.

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Color

**YUV(128.2270, -1.5909,
-96.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	12B97D
RGB	18, 185, 125
RGB Percent	7%, 73%, 49%
CMY	0.9294, 0.2745, 0.5098
CMYK	0.90, 0.00, 0.32, 0.27
HSL	158°, 82%, 40%
HSV	158°, 90%, 73%
XYZ	21.3001, 36.3072, 25.2874
YIQ	128.2270, -80.2720, -54.0640

Conversions

Conversions Part 2

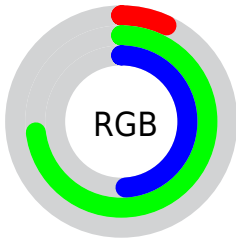
Format	Color
RYB	18, 120, 185
Decimal	1227133
CIELab	66.75, -52.99, 19.74
CIElCh	67, 56.552, 159.566
Yxy	36.3072, 0.2570, 0.4380
Android (android.graphics.Color)	4279417213 (0xFF12B97D)
YUV	128.2270, -1.5909, -96.6691
Hunter-Lab	60.2554, -42.3479, 17.2966

Details

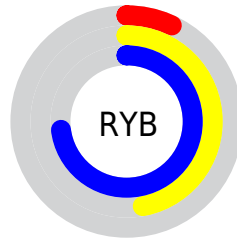
The YUV color **128.2270, -1.5909, -96.6691** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **74.7730, 1.5909, 96.6691**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2460, -7.0233, -80.8997**, and **85.5610, -4.7136, -75.0370** is the 20% darker color. If you saturate the color by 10%, you get **122.1610, -1.5584, -107.1352**, and if you desaturate by 10%, it is **134.7060, -1.3341, -85.6882**.

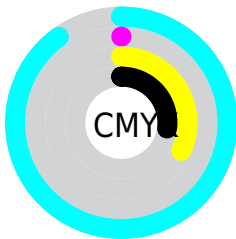
Distribution



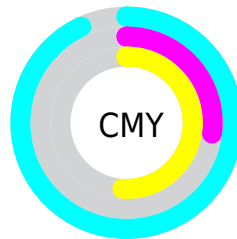
- Red (7%)
- Green (73%)
- Blue (49%)



- Red (7%)
- Yellow (47%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2270, -1.5909, -96.6691 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 128.2270, -1.5909, -96.6691 by changing the saturation by 10% instead.

■ 128.2270, -1.5909,
-96.6691

■ 128.2270, -1.5909,
-96.6691

■ 255.0000, 0.0000,
0.0000

■ 103.5590, -1.7546,
-90.8212

■ 192.2460, -7.0233,
-80.8997

■ 85.5610, -4.7136,
-75.0370

■ 212.2240, -3.5614,
-71.2334

■ 67.0900, -6.9464,
-58.8379

■ 224.5000, 4.6835,
-55.6895

■ 49.9070, -9.3212,
-43.7684

■ 236.1630, 9.2866,
-38.7310

■ 33.1970, -12.4221,
-29.1138

■ 245.1330, 4.8644,
-20.2876

■ 18.1970, -8.9711,
-15.9588

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 128.2270, -1.5909,
-96.6691

■ 128.2270, -1.5909,
-96.6691

■ 122.1610, -1.5584,
-107.1352

■ 134.7060, -1.3341,
-85.6882

■ 140.7720, -1.3666,
-75.2220

■ 146.9520, -0.9623,
-64.8559

■ 153.4310, -0.7055,
-53.8750

■ 159.4970, -0.7380,
-43.4089

■ 165.9760, -0.4812,
-32.4280

■ 172.1560, -0.0769,
-22.0618

■ 178.5210, -0.2569,
-10.9809

■ 184.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



149.4860, -34.2566, -25.8592



128.2270, -1.5909, -96.6691



130.6480, 23.3445, -114.5783

Triad

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



128.2270, -1.5909, -96.6691



153.1670, 50.2037, -49.2585



160.6880, -29.9192, 76.5726

Complementary

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



128.2270, -1.5909, -96.6691



74.7730, 1.5909, 96.6691

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.



161.7960, -6.8014, 81.7399



128.2270, -1.5909, -96.6691



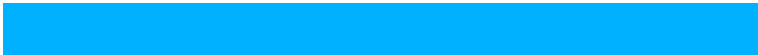
166.7410, 36.6097, 17.7671

Square

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



128.2270, -1.5909, -96.6691



132.9690, 60.1613, -116.6138



165.7500, 16.3923, 62.4862



159.1800, -46.4307, 52.4621

Rectangle

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



128.2270, -1.5909, -96.6691



133.8230, 38.0483, -117.3628



165.7500, 16.3923, 62.4862



161.2570, -22.8047, 81.3356

Sweetspot

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



128.2270, -1.5909, -96.6691



217.8290, -0.9017, -37.5610



134.2680, -57.3201, -48.4700



106.7430, -0.3663, -22.5766



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



128.2270, -1.5909, -96.6691



158.4360, -2.1869, -138.9484



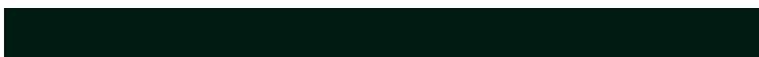
122.1530, 30.9836, -91.3422



88.9670, 0.0163, -5.2331



102.9720, -1.4652, -90.3064



18.4880, -0.2406, -16.2140

Inverse Universe

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



74.7730, 1.5909, 96.6691



81.5640, 2.1869, 138.9484



80.8470, -30.9836, 91.3422



86.0330, -0.0163, 5.2331



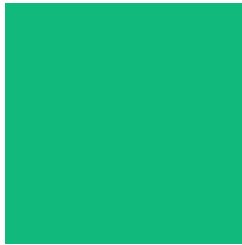
53.0280, 1.4652, 90.3064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 128.2270, -1.5909, -96.6691 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 128.2270, -1.5909, -96.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

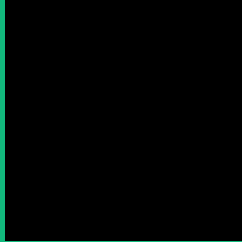
Any Text WCAG AA ✓ Pass

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 128.2270, -1.5909, -96.6691 Background



This preview shows how black text looks on a background with the YUV color 128.2270, -1.5909, -96.6691.



This preview shows how white text looks on a background with the YUV color 128.2270, -1.5909,

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

128.2270, -1.5909, -96.6691

Protanopia

159.5290, -22.4458, 12.6911

Deuteranopia

161.9460, -14.7634, 21.9724



Tritanopia

145.1080, 22.6248, -70.2547

Trichromacy



Original Color

128.2270, -1.5909, -96.6691



Protanomaly

148.2250, -14.9009, -27.3843



Deuteranomaly

149.8220, -10.2652, -20.8919



Tritanomaly

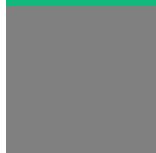
139.0500, 13.7793, -79.8509

Monochromacy



Original Color

128.2270, -1.5909, -96.6691



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.2530, -0.6177, -35.3019

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2270, -1.5909, -96.6691 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(18, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(18, 185, 125)  
}
```

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(18, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 185, 125) }
```

Border

The CSS property to change the border of an element to YUV 128.2270, -1.5909, -96.6691 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(18, 185, 125) }
```


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

```
.border{ border-color:rgb(18, 185, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 185, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 185, 125);  
box-shadow:4px 4px 4px 4px rgb(18, 185,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 128.2270, -1.5909, -96.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 185, 125) }
```

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

```
.background{ background-color: rgb(18, 185,  
125) }
```

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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