

Converting Colors

YUV(129.0960, 0.4457,
-96.5542)

Have a look what the booklet for
YUV(129.0960, 0.4457, -96.5542)
contains.

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Color

**YUV(129.0960, 0.4457,
-96.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	13B982
RGB	19, 185, 130
RGB Percent	7%, 73%, 51%
CMY	0.9255, 0.2745, 0.4902
CMYK	0.90, 0.00, 0.30, 0.27
HSL	160°, 81%, 40%
HSV	160°, 90%, 73%
XYZ	21.6468, 36.4481, 27.0134
YIQ	129.0960, -81.2810, -52.2970

Conversions

Conversions Part 2

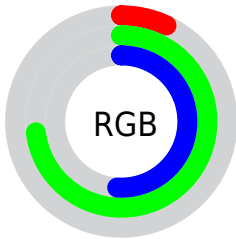
Format	Color
RYB	19, 118, 185
Decimal	1292674
CIELab	66.86, -51.82, 17.19
CIELCh	67, 54.593, 161.644
Yxy	36.4481, 0.2543, 0.4283
Android (android.graphics.Color)	4279482754 (0xFF13B982)
YUV	129.0960, 0.4457, -96.5542
Hunter-Lab	60.3722, -41.6493, 15.7314

Details

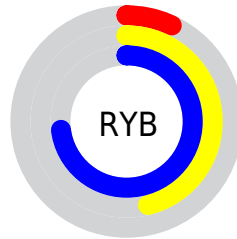
The YUV color **129.0960, 0.4457, -96.5542** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **74.9040, -0.4457, 96.5542**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8160, -4.8393, -81.3996**, and **86.0170, -2.9664, -75.4369** is the 20% darker color. If you saturate the color by 10%, you get **122.7310, 0.6256, -107.6351**, and if you desaturate by 10%, it is **135.1620, 0.4131, -86.0881**.

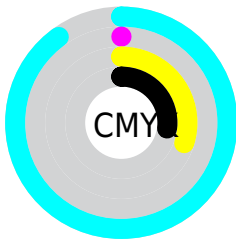
Distribution



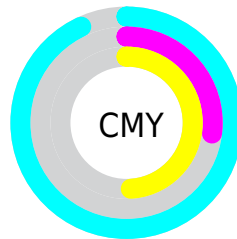
- Red (7%)
- Green (73%)
- Blue (51%)



- Red (7%)
- Yellow (46%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.0960, 0.4457, -96.5542 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 129.0960, 0.4457, -96.5542 by changing the saturation by 10% instead.

■ 129.0960, 0.4457,
-96.5542

■ 129.0960, 0.4457,
-96.5542

■ 255.0000, 0.0000,
0.0000

■ 104.1290, 0.4294,
-91.3211

■ 192.8160, -4.8393,
-81.3996

■ 86.0170, -2.9664,
-75.4369

■ 212.9080, -0.9406,
-71.8333

■ 67.5460, -5.1992,
-59.2378

■ 225.3690, 6.7201,
-55.5746

■ 50.3630, -7.5740,
-44.1684

■ 236.1630, 9.2866,
-38.7310

■ 33.8810, -9.8013,
-29.7136

■ 245.1330, 4.8644,
-20.2876

■ 18.7840, -9.2605,
-16.4736

■ 254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 129.0960, 0.4457,
-96.5542

■ 129.0960, 0.4457,
-96.5542

■ 122.7310, 0.6256,
-107.6351

■ 135.1620, 0.4131,
-86.0881

■ 141.5270, 0.2332,
-75.0072

■ 147.5930, 0.2007,
-64.5411

■ 154.0720, 0.4575,
-53.5601

■ 160.1380, 0.4250,
-43.0940

■ 166.5030, 0.2450,
-32.0131

■ 172.5690, 0.2125,
-21.5470

■ 178.9340, 0.0325,
-10.4661

■ 185.2990, -0.1474,
0.6148

Harmonies

Analogous

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



149.5720, -31.3410, -27.6886



129.0960, 0.4457, -96.5542



130.4030, 24.9443, -114.3634

Triad

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



129.0960, 0.4457, -96.5542



156.4670, 48.5768, -40.7516



161.5520, -30.3451, 73.1839

Complementary

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



129.0960, 0.4457, -96.5542



74.9040, -0.4457, 96.5542

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.



162.9160, -8.8326, 79.8807



129.0960, 0.4457, -96.5542



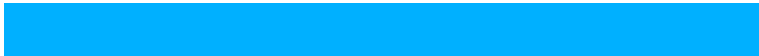
167.3670, 33.8361, 20.7261

Square

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



129.0960, 0.4457, -96.5542



132.3820, 60.4507, -116.0990



165.8810, 14.3557, 62.3714



159.3860, -45.5463, 48.7735

Rectangle

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



129.0960, 0.4457, -96.5542



133.4640, 39.2112, -117.0479



165.8810, 14.3557, 62.3714



161.7080, -23.5200, 77.4321

Sweetspot

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



129.0960, 0.4457, -96.5542



218.0570, -0.0281, -37.7610



132.8870, -56.1463, -51.6439



106.8570, 0.0705, -22.6766



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.



129.0960, 0.4457, -96.5542



159.1200, 0.4338, -139.5482



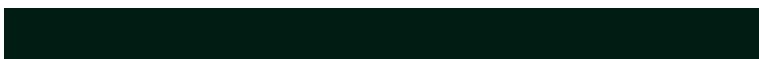
118.9300, 32.5725, -87.6386



88.9670, 0.0163, -5.2331



103.4280, 0.2820, -90.7064



18.6020, 0.1962, -16.3140

Inverse Universe

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



74.9040, -0.4457, 96.5542



80.7660, -0.8706, 139.6482



85.0700, -32.5725, 87.6386



86.0330, -0.0163, 5.2331



52.5720, -0.2820, 90.7064



9.3980, -0.1962, 16.3140

Previews

White Background



This preview shows how the YUV color 129.0960, 0.4457, -96.5542 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 129.0960, 0.4457, -96.5542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

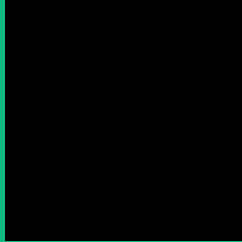
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 129.0960, 0.4457, -96.5542

Background



This preview shows how black text looks on a background with the YUV color 129.0960, 0.4457, -96.5542.



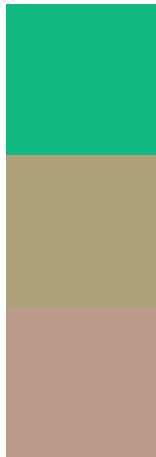
This preview shows how white text looks on a background with the YUV color 129.0960, 0.4457,

-96.5542.

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

129.0960, 0.4457, -96.5542

Protanopia

159.8000, -20.1144, 11.5764

Deuteranopia

162.2170, -12.4320, 20.8577



Tritanopia

144.9230, 23.2090, -70.9695

Trichromacy



Original Color

129.0960, 0.4457, -96.5542



Protanomaly

148.7950, -12.7169, -27.8842



Deuteranomaly

150.0930, -7.9338, -22.0066



Tritanomaly

139.2780, 14.6529, -80.0508

Monochromacy



Original Color

129.0960, 0.4457, -96.5542



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.7800, 0.1085, -34.8871

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0960, 0.4457, -96.5542 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(19, 185, 130)` looks like.

```
.text, #text, p{  
    color:rgb(19, 185, 130)  
}
```

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(19, 185, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 185, 130) }
```

Border

The CSS property to change the border of an element to YUV 129.0960, 0.4457, -96.5542 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(19, 185, 130) }
```


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

```
.border{ border-color:rgb(19, 185, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 185, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 185, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 185, 130);  
box-shadow:4px 4px 4px 4px rgb(19, 185,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 129.0960, 0.4457, -96.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 185, 130) }
```

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

```
.background{ background-color: rgb(19, 185,  
130) }
```

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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