

Converting Colors

YUV(129.9320, 22.7115,
-98.1644)

Have a look what the booklet for
YUV(129.9320, 22.7115, -98.1644)
contains.

YUV(129.9320, 22.7115, -98.1644)	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(129.9320, 22.7115,
-98.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	12B2B0
RGB	18, 178, 176
RGB Percent	7%, 70%, 69%
CMY	0.9294, 0.3020, 0.3098
CMYK	0.90, 0.00, 0.01, 0.30
HSL	179°, 82%, 38%
HSV	179°, 90%, 70%
XYZ	24.0063, 35.1040, 46.5848
YIQ	129.9320, -94.7180, -34.5420

Conversions

Conversions Part 2

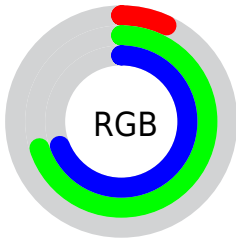
Format	Color
RYB	18, 99, 178
Decimal	1225392
CIELab	65.83, -36.66, -9.62
CIELCh	66, 37.897, 194.703
Yxy	35.1040, 0.2271, 0.3321
Android (android.graphics.Color)	4279415472 (0xFF12B2B0)
YUV	129.9320, 22.7115, -98.1644
Hunter-Lab	59.2486, -31.3605, -5.1433

Details

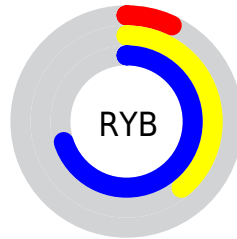
The YUV color **129.9320, 22.7115, -98.1644** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **66.0680, -22.7115, 98.1644**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3040, 18.5841, -80.9506**, and **87.5110, 17.9891, -76.7471** is the 20% darker color. If you saturate the color by 10%, you get **124.5500, 25.3649, -109.2303**, and if you desaturate by 10%, it is **135.3140, 20.0582, -87.0984**.

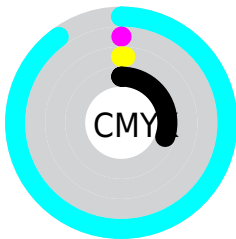
Distribution



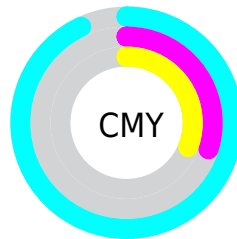
- Red (7%)
- Green (70%)
- Blue (69%)



- Red (7%)
- Yellow (39%)
- Blue (70%)



- Cyan (90%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)





- Cyan (93%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.9320, 22.7115, -98.1644 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 129.9320, 22.7115, -98.1644 by changing the saturation by 10% instead.


 129.9320, 22.7115,
-98.1644


 129.9320, 22.7115,
-98.1644


255.0000, 0.0000,
0.0000


 105.6230, 21.3849,
-92.6314


 194.3040, 18.5841,
-80.9506


 87.5110, 17.9891,
-76.7471

 218.8210, 17.8362,
-74.3880

 69.3990, 14.5933,
-60.8629

 227.7910, 13.4140,
-55.9447

 51.9880, 11.3449,
-45.5935

 236.7610, 8.9918,
-37.5014

 35.8650, 7.9546,
-31.4536

 246.0300, 4.4222,
-18.4433

 21.1440, 4.8590,
-18.5433

 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 129.9320, 22.7115,
-98.1644

■ 129.9320, 22.7115,
-98.1644

■ 124.5500, 25.3649,
-109.2303

■ 135.3140, 20.0582,
-87.0984

■ 140.6960, 17.4049,
-76.0324

■ 145.8930, 15.3358,
-65.6812

■ 151.2750, 12.6824,
-54.6152

■ 156.6570, 10.0291,
-43.5492

■ 162.0390, 7.3758,
-32.4832

■ 167.5350, 5.1592,
-21.5172

■ 172.6180, 2.6533,
-11.0660

■ 178.0000, 0.0000,
0.0000

Harmonies

Analogous

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



144.7900, -1.8685, -54.1898



129.9320, 22.7115, -98.1644



126.3230, 39.7738, -110.7853

Triad

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



129.9320, 22.7115, -98.1644



164.1420, 21.6220, 18.2925



158.8430, -31.9676, 33.4637

Complementary

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



129.9320, 22.7115, -98.1644



66.0680, -22.7115, 98.1644

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.



160.6570, -23.0019, 51.1668



129.9320, 22.7115, -98.1644



163.9360, 7.4266, 44.7831

Square

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



129.9320, 22.7115, -98.1644



159.3590, 32.3610, -19.6088



162.0610, -8.9041, 56.0745



155.6180, -30.8707, 8.2280

Rectangle

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



129.9320, 22.7115, -98.1644



140.8200, 39.5287, -78.7721



162.0610, -8.9041, 56.0745



159.7560, -29.9527, 40.5560

Sweetspot

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



129.9320, 22.7115, -98.1644



213.0490, 8.8498, -38.6310



112.8170, -46.7448, -80.5235



105.9370, 5.4541, -22.7467



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



129.9320, 22.7115, -98.1644



162.2900, 32.8880, -142.3283



84.9610, 45.8682, -58.7248



86.3090, 1.3267, -5.5330



107.0250, 21.6797, -93.8609



18.1120, 3.3958, -15.8842

Inverse Universe

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



66.0680, -22.7115, 98.1644



69.7100, -32.8880, 142.3283



111.0390, -45.8682, 58.7248



82.6910, -1.3267, 5.5330



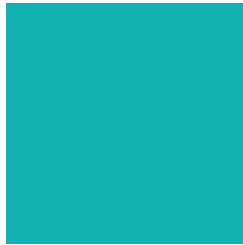
45.9750, -21.6797, 93.8609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 129.9320, 22.7115, -98.1644 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 129.9320, 22.7115, -98.1644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

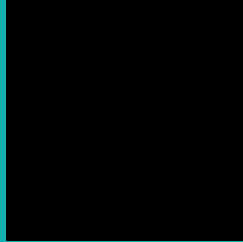
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

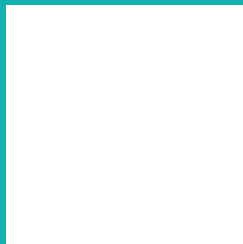
Any Text WCAG AAA ✓ Pass

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

YUV 129.9320, 22.7115, -98.1644 Background



This preview shows how black text looks on a background with the YUV color 129.9320, 22.7115, -98.1644.

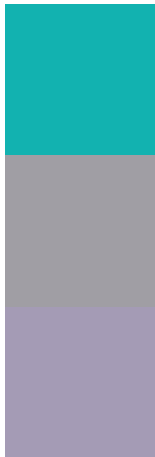


This preview shows how white text looks on a background with the YUV color 129.9320, 22.7115, -98.1644.

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

129.9320, 22.7115, -98.1644

Protanopia

159.2820, 2.3260, 0.6297

Deuteranopia

160.6550, 10.0301, 2.9336



Tritanopia

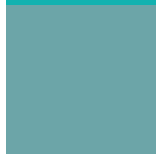
136.3340, 26.4573, -86.2389

Trichromacy



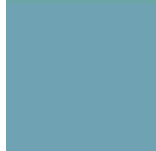
Original Color

129.9320, 22.7115, -98.1644



Protanomaly

148.2990, 9.7126, -35.3422



Deuteranomaly

149.2760, 14.6539, -33.5681



Tritanomaly

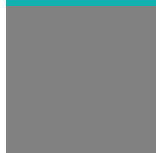
134.2580, 25.0158, -90.5573

Monochromacy



Original Color

129.9320, 22.7115, -98.1644



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.6580, 8.5496, -35.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9320, 22.7115, -98.1644 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, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(18, 178, 176)  
}
```

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, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 178, 176) }
```

Border

The CSS property to change the border of an element to YUV 129.9320, 22.7115, -98.1644 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, 178, 176) }
```


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

```
.border{ border-color:rgb(18, 178, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(18, 178,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 129.9320, 22.7115, -98.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 178, 176) }
```

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

```
.background{ background-color: rgb(18, 178,  
176) }
```

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