

Converting Colors

YUV(134.7320, 22.8101,
-83.0800)

Have a look what the booklet for
YUV(134.7320, 22.8101, -83.0800)
contains.

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Color

**YUV(134.7320, 22.8101,
-83.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	28AEB5
RGB	40, 174, 181
RGB Percent	16%, 68%, 71%
CMY	0.8431, 0.3176, 0.2902
CMYK	0.78, 0.04, 0.00, 0.29
HSL	183°, 64%, 43%
HSV	183°, 78%, 71%
XYZ	24.3516, 34.0594, 49.0067
YIQ	134.7320, -82.1110, -26.2310

Conversions

Conversions Part 2

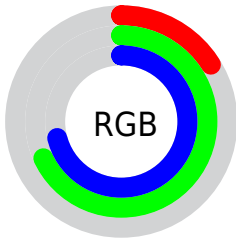
Format	Color
RYB	40, 109, 181
Decimal	2666165
CIELab	65.01, -31.61, -13.60
CIELCh	65, 34.415, 203.276
Yxy	34.0594, 0.2267, 0.3171
Android (android.graphics.Color)	4280856245 (0xFF28AEB5)
YUV	134.7320, 22.8101, -83.0800
Hunter-Lab	58.3604, -27.6495, -8.9350




Details

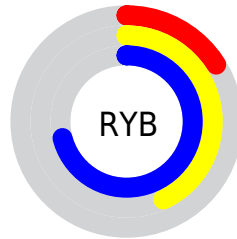
The YUV color **134.7320, 22.8101, -83.0800** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **86.2680, -22.8101, 83.0800**, and the grayscale version is **135.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **195.2170, 20.5990, -73.8583**, and **85.6190, 20.8938, -75.0879** is the 20% darker color. If you saturate the color by 10%, you get **128.7630, 25.7528, -93.6312**, and if you desaturate by 10%, it is **140.7010, 19.8674, -72.5288**.

Distribution







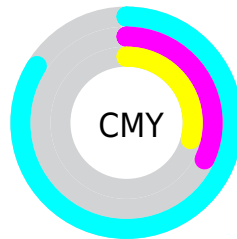
-  Red (16%)
-  Green (68%)
-  Blue (71%)






-  Red (16%)
-  Yellow (43%)
-  Blue (71%)



-  Cyan (78%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (84%)
-  Magenta (32%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7320, 22.8101, -83.0800 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 134.7320, 22.8101, -83.0800 by changing the saturation by 10% instead.

■ 134.7320, 22.8101,
-83.0800

■ 134.7320, 22.8101,
-83.0800

■ 255.0000, 0.0000,
0.0000

■ 103.8450, 24.7264,
-91.0721

■ 195.2170, 20.5990,
-73.8583

■ 85.6190, 20.8938,
-75.0879

■ 220.9140, 16.8044,
-70.0846

■ 68.0940, 17.2087,
-59.7184

■ 229.8840, 12.3822,
-51.6413

■ 50.6830, 13.9603,
-44.4490

■ 238.8540, 7.9600,
-33.1980

■ 34.5600, 10.5699,
-30.3091

■ 248.1230, 3.3904,
-14.1399

■ 19.8390, 7.4744,
-17.3988

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 134.7320, 22.8101,
-83.0800

■ 134.7320, 22.8101,
-83.0800

■ 128.7630, 25.7528,
-93.6312

■ 140.7010, 19.8674,
-72.5288

■ 122.7940, 28.6956,
-104.1823

■ 146.6700, 16.9247,
-61.9776

■ 121.5980, 29.2852,
-106.6414

■ 152.6390, 13.9820,
-51.4264

■ 158.6080, 11.0393,
-40.8752

■ 164.2890, 8.2385,
-29.1945

■ 170.2580, 5.2958,
-18.6433

■ 176.2270, 2.3531,
-8.0921

■ 182.1960, -0.5896,
2.4591

■ 188.1650, -3.5323,
13.0103

Harmonies

Analogous

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



142.8590, 3.5205, -56.0043



134.7320, 22.8101, -83.0800



138.5230, 33.2662, -76.7577

Triad

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



134.7320, 22.8101, -83.0800



161.8070, 16.3641, 24.7253



156.6570, -29.9039, 24.8568

Complementary

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



134.7320, 22.8101, -83.0800



86.2680, -22.8101, 83.0800

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.



158.3740, -23.8484, 42.6450



134.7320, 22.8101, -83.0800



161.8560, 2.0430, 44.8533

Square

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



134.7320, 22.8101, -83.0800



159.0680, 27.0815, -6.1986



159.8170, -12.2348, 51.0265



153.1270, -26.1916, 0.7656

Rectangle

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



134.7320, 22.8101, -83.0800



147.1820, 33.9273, -55.4106



159.8170, -12.2348, 51.0265



157.0430, -28.6152, 31.5343

Sweetspot

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



134.7320, 22.8101, -83.0800



217.0930, 8.8282, -31.6536



123.3370, -38.6201, -73.0865



106.5460, 5.1538, -19.7728



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.



134.7320, 22.8101, -83.0800



163.0620, 35.4654, -128.9734



94.8160, 42.4887, -48.0736



86.3090, 1.3267, -5.5330



102.5570, 24.8684, -89.9425



17.0520, 4.4114, -14.9546

Inverse Universe

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



97.4350, 37.7465, 73.2865



105.1930, 58.5719, 113.8407



126.1840, -42.4887, 48.0736



83.7170, 2.6045, 4.6332



62.2770, 40.7824, 79.5641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 134.7320, 22.8101, -83.0800 looks on a white background.

Color Contrast Check

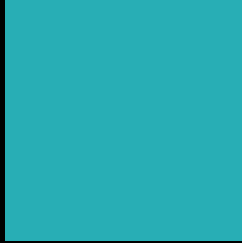
Large Text (above 18pt) WCAG AA × Fail

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 134.7320, 22.8101, -83.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

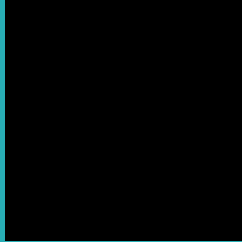
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 134.7320, 22.8101, -83.0800

Background



This preview shows how black text looks on a background with the YUV color 134.7320, 22.8101, -83.0800.



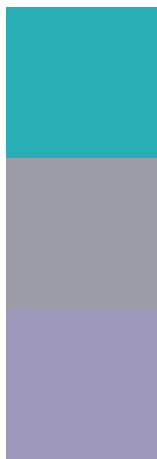
This preview shows how white text looks on a background with the YUV color 134.7320, 22.8101, -83.0800.

-83.0800.

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

134.7320, 22.8101, -83.0800

Protanopia

157.4820, 5.6784, -1.2997

Deuteranopia

158.2570, 13.6773, -0.2254



Tritanopia

136.3240, 24.9833, -80.0911

Trichromacy



Original Color

134.7320, 22.8101, -83.0800

Protanomaly

149.4890, 11.5909, -31.1239

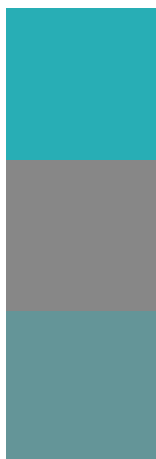
Deuteranomaly

149.8680, 16.8271, -30.5792

Tritanomaly

135.4980, 24.4045, -81.1207

Monochromacy



Original Color

134.7320, 22.8101, -83.0800

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.6910, 8.5333, -30.4240

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7320, 22.8101, -83.0800 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(40, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(40, 174, 181)  
}
```

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(40, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 174, 181) }
```

Border

The CSS property to change the border of an element to YUV 134.7320, 22.8101, -83.0800 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(40, 174, 181) }
```


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

```
.border{ border-color:rgb(40, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(40, 174,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 134.7320, 22.8101, -83.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 174, 181) }
```

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

```
.background{ background-color: rgb(40, 174,  
181) }
```

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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