

Converting Colors

YUV(133.6800, 28.2588,
-104.0824)

Have a look what the booklet for
YUV(133.6800, 28.2588, -104.0824)
contains.

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Color

**YUV(133.6800, 28.2588,
-104.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	0FB7BF
RGB	15, 183, 191
RGB Percent	6%, 72%, 75%
CMY	0.9412, 0.2824, 0.2510
CMYK	0.92, 0.04, 0.00, 0.25
HSL	183°, 85%, 40%
HSV	183°, 92%, 75%
XYZ	26.5345, 37.7301, 55.1743
YIQ	133.6800, -102.6960, -33.1280

Conversions

Conversions Part 2

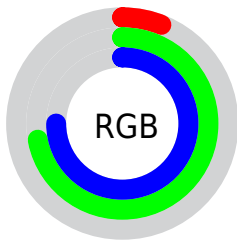
Format	Color
RYB	15, 101, 191
Decimal	1030079
CIELab	67.82, -34.51, -14.93
CIELCh	68, 37.605, 203.392
Yxy	37.7301, 0.2222, 0.3159
Android (android.graphics.Color)	4279220159 (0xFF0FB7BF)
YUV	133.6800, 28.2588, -104.0824
Hunter-Lab	61.4248, -30.3846, -10.2593

Details

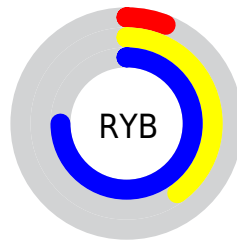
The YUV color **133.6800, 28.2588, -104.0824** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **72.3200, -28.2588, 104.0824**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5470, 23.3943, -83.7947**, and **91.4550, 22.9467, -80.2060** is the 20% darker color. If you saturate the color by 10%, you get **128.6080, 30.7593, -112.7892**, and if you desaturate by 10%, it is **139.9480, 25.1686, -92.9164**.

Distribution



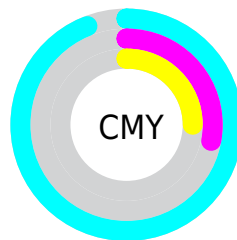
- Red (6%)
- Green (72%)
- Blue (75%)



- Red (6%)
- Yellow (40%)
- Blue (75%)



- Cyan (92%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (94%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6800, 28.2588, -104.0824 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 133.6800, 28.2588, -104.0824 by changing the saturation by 10% instead.

■ 133.6800, 28.2588,
-104.0824

■ 133.6800, 28.2588,
-104.0824

■ 255.0000, 0.0000,
0.0000

■ 110.2680, 26.4899,
-96.7050

■ 199.5470, 23.3943,
-83.7947

■ 91.4550, 22.9467,
-80.2060

■ 219.4190, 17.5414,
-73.1585

■ 73.8160, 18.8247,
-64.7366

■ 228.6880, 12.9718,
-54.1004

■ 56.4050, 15.5763,
-49.4672

■ 237.9570, 8.4022,
-35.0423

■ 39.5810, 12.0386,
-34.7125

■ 247.2260, 3.8326,
-15.9842

■ 25.9200, 7.9274,
-22.7318

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 133.6800, 28.2588,
-104.0824

■ 133.6800, 28.2588,
-104.0824

■ 128.6080, 30.7593,
-112.7892

■ 139.9480, 25.1686,
-92.9164

■ 146.2160, 22.0785,
-81.7504

■ 152.4840, 18.9884,
-70.5845

■ 158.1650, 16.1877,
-58.9037

■ 164.4330, 13.0975,
-47.7377

■ 171.0000, 9.8600,
-35.9570

■ 177.2680, 6.7699,
-24.7910

■ 183.5360, 3.6798,
-13.6251

■ 189.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



147.6300, 4.1264, -63.6965



133.6800, 28.2588, -104.0824



140.5040, 38.6985, -92.5270

Triad

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



133.6800, 28.2588, -104.0824



169.8720, 17.8111, 27.2993



163.5710, -32.8195, 26.6862

Complementary

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



133.6800, 28.2588, -104.0824



72.3200, -28.2588, 104.0824

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.



165.7120, -26.4800, 46.7336



133.6800, 28.2588, -104.0824



169.0030, 2.4635, 49.9864

Square

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



133.6800, 28.2588, -104.0824



166.4530, 29.8497, -7.4133



167.2090, -13.4140, 55.9447



159.8450, -28.5176, 0.1359

Rectangle

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



133.6800, 28.2588, -104.0824



152.5770, 38.1695, -62.7730



167.2090, -13.4140, 55.9447



164.5550, -31.8256, 34.5933

Sweetspot

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



133.6800, 28.2588, -104.0824



224.6080, 11.0393, -40.8752



118.9960, -48.3120, -91.2045



110.9690, 6.9173, -25.4058



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.6800, 28.2588, -104.0824



166.6900, 39.5928, -146.1871



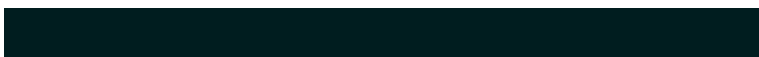
83.1980, 53.1464, -59.8096



91.3090, 1.3267, -5.5330



106.6490, 25.3160, -93.5312



20.5570, 5.1484, -18.0285

Inverse Universe

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



86.7760, 47.4384, 91.4044



100.7570, 66.6748, 128.2551



122.8020, -53.1464, 59.8096



88.7170, 2.6045, 4.6332



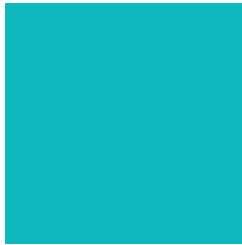
64.4560, 42.6662, 82.0381



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 133.6800, 28.2588, -104.0824 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 133.6800, 28.2588, -104.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

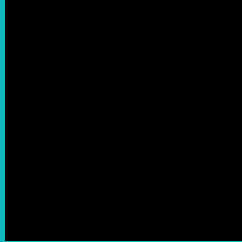
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

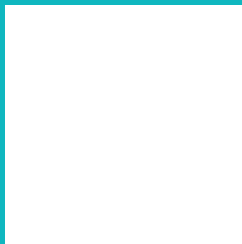
Any Text WCAG AAA ✓ Pass

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

YUV 133.6800, 28.2588, -104.0824 Background



This preview shows how black text looks on a background with the YUV color 133.6800, 28.2588, -104.0824.

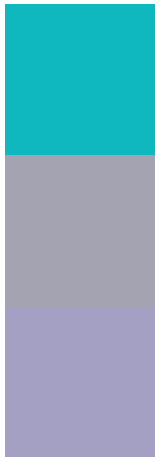


This preview shows how white text looks on a background with the YUV color 133.6800, 28.2588, -104.0824.

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

133.6800, 28.2588, -104.0824

Protanopia

164.7100, 6.5520, -1.4997

Deuteranopia

165.3000, 15.1351, -1.1401



Tritanopia

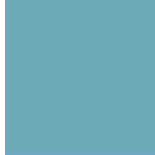
137.3650, 29.4001, -96.7901

Trichromacy



Original Color

133.6800, 28.2588, -104.0824



Protanomaly

153.2430, 14.6702, -38.8011



Deuteranomaly

153.6220, 19.9064, -38.2565



Tritanomaly

135.9410, 29.1161, -99.0493

Monochromacy



Original Color

133.6800, 28.2588, -104.0824



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1030, 10.3022, -37.8013

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6800, 28.2588, -104.0824 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(15, 183, 191)` looks like.

```
.text, #text, p{  
    color:rgb(15, 183, 191)  
}
```

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(15, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 183, 191) }
```

Border

The CSS property to change the border of an element to YUV 133.6800, 28.2588, -104.0824 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

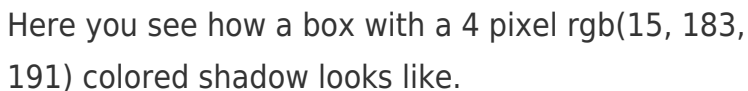
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(15, 183, 191) }
```


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

```
.border{ border-color:rgb(15, 183, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(15, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 183, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 183, 191); box-shadow:4px 4px 4px 4px rgb(15, 183, 191) }
```

Background

The CSS property to change the background color of an element to YUV 133.6800, 28.2588, -104.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 183, 191) }
```

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

```
.background{ background-color: rgb(15, 183,  
191) }
```

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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