

Converting Colors

YUV(130.3370, 28.4279,
-111.6745)

Have a look what the booklet for
YUV(130.3370, 28.4279, -111.6745)
contains.

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Color

**YUV(130.3370, 28.4279,
-111.6745)**

Conversions

Conversions Part 1

Format	Color
Hex	03B8BC
RGB	3, 184, 188
RGB Percent	1%, 72%, 74%
CMY	0.9882, 0.2784, 0.2627
CMYK	0.98, 0.02, 0.00, 0.26
HSL	181°, 97%, 37%
HSV	181°, 98%, 74%
XYZ	26.2551, 37.9312, 53.5146
YIQ	130.3370, -109.1600, -37.1280

Conversions

Conversions Part 2

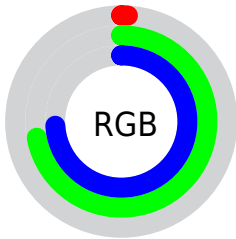
Format	Color
RYB	3, 94, 188
Decimal	243900
CIELab	67.97, -36.31, -13.06
CIELCh	68, 38.583, 199.783
Yxy	37.9312, 0.2231, 0.3223
Android (android.graphics.Color)	4278433980 (0xFF03B8BC)
YUV	130.3370, 28.4279, -111.6745
Hunter-Lab	61.5883, -31.6848, -8.4058

Details

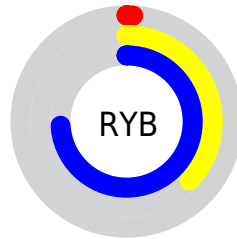
The YUV color **130.3370, 28.4279, -111.6745** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **60.6630, -28.4279, 111.6745**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7810, 21.8000, -85.7539**, and **91.7000, 21.3469, -80.4209** is the 20% darker color. If you saturate the color by 10%, you get **129.4400, 28.8701, -113.5189**, and if you desaturate by 10%, it is **136.0180, 25.6271, -99.9938**.

Distribution



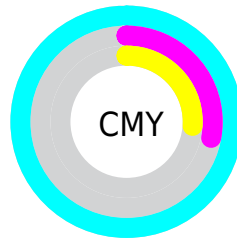
- Red (1%)
- Green (72%)
- Blue (74%)



- Red (1%)
- Yellow (37%)
- Blue (74%)



- Cyan (98%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)





- Cyan (99%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.3370, 28.4279, -111.6745 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 130.3370, 28.4279, -111.6745 by changing the saturation by 10% instead.


 130.3370, 28.4279,
-111.6745


 130.3370, 28.4279,
-111.6745


255.0000, 0.0000,
0.0000


 110.5130, 24.8901,
-96.9199


 199.7810, 21.8000,
-85.7539

 91.7000, 21.3469,
-80.4209

 218.8210, 17.8362,
-74.3880

 74.1750, 17.6617,
-65.0515


 228.0900, 13.2666,
-55.3299

 56.6500, 13.9766,
-49.6820

 237.3590, 8.6970,
-36.2718

 39.9400, 10.8756,
-35.0274

 246.6280, 4.1274,
-17.2138

 25.6920, 7.0538,
-22.5319

 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 130.3370, 28.4279,
-111.6745

■ 130.3370, 28.4279,
-111.6745

■ 129.4400, 28.8701,
-113.5189

■ 136.0180, 25.6271,
-99.9938

■ 142.2860, 22.5370,
-88.8278

■ 147.6680, 19.8837,
-77.7618

■ 153.9360, 16.7936,
-66.5959

■ 159.6170, 13.9928,
-54.9151

■ 165.2980, 11.1921,
-43.2343

■ 171.5660, 8.1020,
-32.0684

■ 176.9480, 5.4486,
-21.0024

■ 183.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



148.0710, 1.9370, -61.4523



130.3370, 28.4279, -111.6745



132.2950, 42.2526, -112.5147

Triad

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



130.3370, 28.4279, -111.6745



170.1320, 20.1479, 24.4402



163.8920, -32.9778, 30.7897

Complementary

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



130.3370, 28.4279, -111.6745



60.6630, -28.4279, 111.6745

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.



165.9620, -25.6173, 50.0223



130.3370, 28.4279, -111.6745



169.2740, 4.7949, 48.8717

Square

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



130.3370, 28.4279, -111.6745



166.2890, 31.9025, -12.5315



167.6760, -11.6723, 57.2891



160.9980, -30.5650, 3.5098

Rectangle

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



130.3370, 28.4279, -111.6745



149.8640, 39.5070, -71.7947



167.6760, -11.6723, 57.2891



164.6910, -31.3997, 37.9820

Sweetspot

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



130.3370, 28.4279, -111.6745



221.7000, 11.4869, -44.4639



111.9370, -52.2269, -95.5377



108.2570, 6.7753, -26.5354



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



130.3370, 28.4279, -111.6745



168.8100, 37.5617, -148.0464



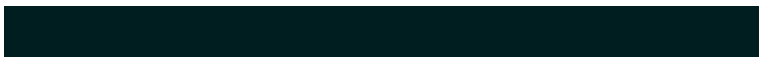
76.3330, 55.0518, -64.3130



91.3090, 1.3267, -5.5330



108.9970, 24.1585, -95.5904



21.1440, 4.8590, -18.5433

Inverse Universe

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



78.9490, 51.7901, 95.6377



100.6150, 68.7168, 126.6256



114.6670, -55.0518, 64.3130



88.7170, 2.6045, 4.6332



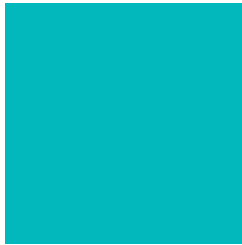
64.9120, 44.4134, 81.6382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 130.3370, 28.4279, -111.6745 looks on a white background.

Color Contrast Check

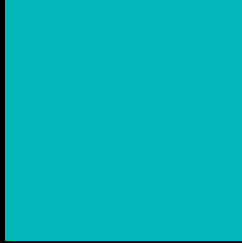
Large Text (above 18pt) WCAG AA × Fail

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 130.3370, 28.4279, -111.6745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

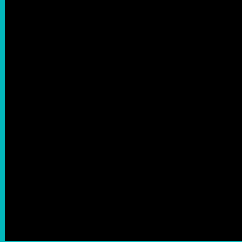
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

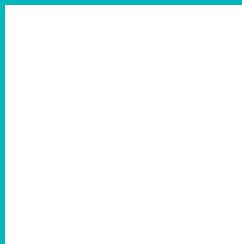
Any Text WCAG AAA ✓ Pass

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

YUV 130.3370, 28.4279, -111.6745 Background



This preview shows how black text looks on a background with the YUV color 130.3370, 28.4279, -111.6745.

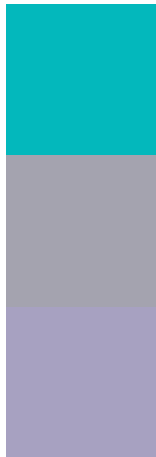


This preview shows how white text looks on a background with the YUV color 130.3370, 28.4279, -111.6745.

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

130.3370, 28.4279, -111.6745

Protanopia

164.6670, 5.0942, -0.5850

Deuteranopia

166.4420, 13.0931, 0.4894



Tritanopia

138.5500, 28.8159, -96.0753

Trichromacy



Original Color

130.3370, 28.4279, -111.6745

Protanomaly

152.2920, 13.6600, -41.4751

Deuteranomaly

152.9700, 18.7488, -40.3157

Tritanomaly

135.5170, 28.8321, -101.3084

Monochromacy



Original Color

130.3370, 28.4279, -111.6745

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.3800, 10.1657, -40.6753

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3370, 28.4279, -111.6745 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(3, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(3, 184, 188)  
}
```

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(3, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 184, 188) }
```

Border

The CSS property to change the border of an element to YUV 130.3370, 28.4279, -111.6745 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(3, 184, 188) }
```


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

```
.border{ border-color:rgb(3, 184, 188) }
```

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

Here you see how a box with a 4 pixel rgb(3, 184, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(3, 184,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 130.3370, 28.4279, -111.6745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 184, 188) }
```

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

```
.background{ background-color: rgb(3, 184,  
188) }
```

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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