

Converting Colors

YUV(130.9560, 29.6017,
-114.8484)

Have a look what the booklet for
YUV(130.9560, 29.6017, -114.8484)
contains.

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Color

**YUV(130.9560, 29.6017,
-114.8484)**

Conversions

Conversions Part 1

Format	Color
Hex	00BABF
RGB	0, 186, 191
RGB Percent	0%, 73%, 75%
CMY	1.0000, 0.2706, 0.2510
CMYK	1.00, 0.03, 0.00, 0.25
HSL	182°, 100%, 37%
HSV	182°, 100%, 75%
XYZ	26.9629, 38.8794, 55.3736
YIQ	130.9560, -112.4610, -37.8770

Conversions

Conversions Part 2

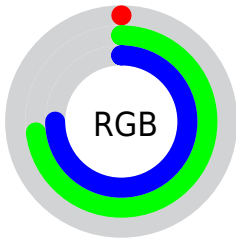
Format	Color
RYB	0, 94, 191
Decimal	47807
CIELab	68.66, -36.40, -13.67
CIELCh	69, 38.879, 200.584
Yxy	38.8794, 0.2224, 0.3207
Android (android.graphics.Color)	4278237887 (0xFF00BABF)
YUV	130.9560, 29.6017, -114.8484
Hunter-Lab	62.3533, -31.9313, -9.0058

Details

The YUV color **130.9560, 29.6017, -114.8484** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **60.0440, -29.6017, 114.8484**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2970, 22.5316, -87.0835**, and **93.2160, 22.0785, -81.7504** is the 20% darker color. If you saturate the color by 10%, you get **130.9560, 29.6017, -114.8484**, and if you desaturate by 10%, it is **137.2240, 26.5116, -103.6824**.

Distribution



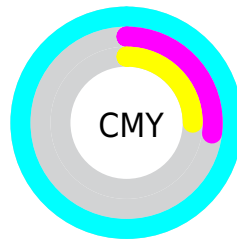
- Red (0%)
- Green (73%)
- Blue (75%)



- Red (0%)
- Yellow (37%)
- Blue (75%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9560, 29.6017, -114.8484 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 130.9560, 29.6017, -114.8484 by changing the saturation by 10% instead.

■ 130.9560, 29.6017,
-114.8484

■ 130.9560, 29.6017,
-114.8484

■ 255.0000, 0.0000,
0.0000

■ 112.0290, 25.6217,
-98.2494

■ 201.2970, 22.5316,
-87.0835

■ 93.2160, 22.0785,
-81.7504

■ 218.8210, 17.8362,
-74.3880

■ 74.9900, 18.2459,
-65.7662

■ 228.3890, 13.1192,
-54.7152

■ 57.5790, 14.9976,
-50.4968

■ 237.3590, 8.6970,
-36.2718

■ 41.4560, 11.6072,
-36.3569

■ 246.6280, 4.1274,
-17.2138

■ 26.5070, 7.6380,
-23.2466

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 130.9560, 29.6017,
-114.8484

■ 137.2240, 26.5116,
-103.6824

■ 142.9050, 23.7108,
-92.0017

■ 149.1730, 20.6207,
-80.8357

■ 154.8540, 17.8200,
-69.1550

■ 161.4210, 14.5824,
-57.3742

■ 167.1020, 11.7817,
-45.6935

■ 173.3700, 8.6916,
-34.5275

■ 179.0510, 5.8909,
-22.8467

■ 185.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



149.5870, 2.6686, -62.7818



130.9560, 29.6017, -114.8484



135.0180, 42.3891, -109.6408

Triad

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



130.9560, 29.6017, -114.8484



172.3170, 19.5637, 25.1550



166.0660, -33.5565, 29.7601

Complementary

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



130.9560, 29.6017, -114.8484



60.0440, -29.6017, 114.8484

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.



167.8480, -26.0541, 50.1223



130.9560, 29.6017, -114.8484



171.4590, 4.2107, 49.5865

Square

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



130.9560, 29.6017, -114.8484



168.0010, 32.0445, -11.4019



169.8610, -12.2565, 58.0039



162.5850, -30.8544, 2.9950

Rectangle

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



130.9560, 29.6017, -114.8484



151.6900, 40.0858, -70.7651



169.8610, -12.2565, 58.0039



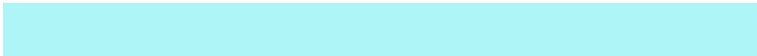
166.4630, -32.2733, 38.1819

Sweetspot

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



130.9560, 29.6017, -114.8484



223.7000, 11.4869, -44.4639



112.4590, -53.9633, -98.6265



110.9580, 6.9227, -27.1502



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.



130.9560, 29.6017, -114.8484



169.6250, 38.1459, -148.7611



75.7780, 56.8044, -66.4573



91.3090, 1.3267, -5.5330



108.4100, 24.4479, -95.0756



21.1440, 4.8590, -18.5433

Inverse Universe

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



78.3130, 53.0897, 98.8265



101.3270, 68.8588, 127.7552



115.2220, -56.8044, 66.4573



88.7170, 2.6045, 4.6332



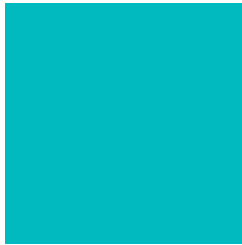
64.7980, 43.9766, 81.7382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 130.9560, 29.6017, -114.8484 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 130.9560, 29.6017, -114.8484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

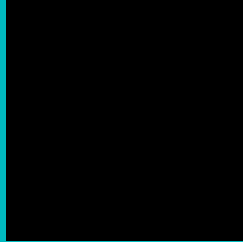
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

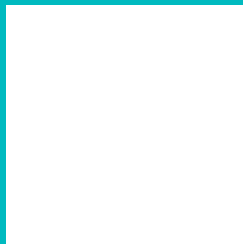
Any Text WCAG AAA ✓ Pass

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

YUV 130.9560, 29.6017, -114.8484 Background



This preview shows how black text looks on a background with the YUV color 130.9560, 29.6017, -114.8484.

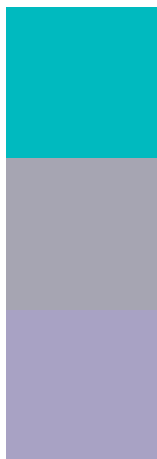


This preview shows how white text looks on a background with the YUV color 130.9560, 29.6017, -114.8484.

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

130.9560, 29.6017, -114.8484

Protanopia

166.7810, 5.5310, -0.6849

Deuteranopia

167.6700, 13.9667, 0.2894



Tritanopia

139.7670, 29.6949, -98.0197

Trichromacy



Original Color

130.9560, 29.6017, -114.8484



Protanomaly

154.1070, 14.2442, -42.1898



Deuteranomaly

154.4860, 19.4804, -41.6452



Tritanomaly

136.4350, 29.8585, -103.8675

Monochromacy



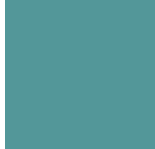
Original Color

130.9560, 29.6017, -114.8484



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.8960, 10.8973, -42.0048

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9560, 29.6017, -114.8484 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(0, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 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(0, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 191) }
```

Border

The CSS property to change the border of an element to YUV 130.9560, 29.6017, -114.8484 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(0, 186, 191) }
```


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

```
.border{ border-color:rgb(0, 186, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 130.9560, 29.6017, -114.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 191) }
```

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

```
.background{ background-color: rgb(0, 186,  
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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