

Converting Colors

YUV(131.8000, 33.1296,
-79.6316)

Have a look what the booklet for
YUV(131.8000, 33.1296, -79.6316)
contains.

YUV(131.8000, 33.1296, -79.6316)	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(131.8000, 33.1296,
-79.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	29A5C7
RGB	41, 165, 199
RGB Percent	16%, 65%, 78%
CMY	0.8392, 0.3529, 0.2196
CMYK	0.79, 0.17, 0.00, 0.22
HSL	193°, 66%, 47%
HSV	193°, 79%, 78%
XYZ	24.6784, 31.5052, 58.8133
YIQ	131.8000, -84.8180, -15.7140

Conversions

Conversions Part 2

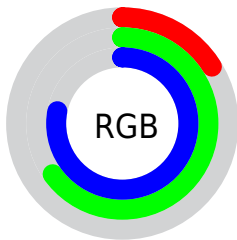
Format	Color
R _Y B	41, 110, 199
Decimal	2729415
CIE Lab	62.93, -21.24, -26.79
CIE LCh	63, 34.191, 231.587
Yxy	31.5052, 0.2146, 0.2740
Android (android.graphics.Color)	4280919495 (0xFF29A5C7)
YUV	131.8000, 33.1296, -79.6316
Hunter-Lab	56.1295, -19.7457, -22.8342

Details

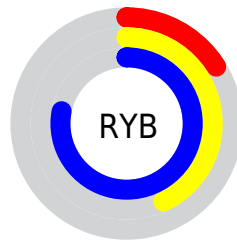
The YUV color **131.8000, 33.1296, -79.6316** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **108.2000, -33.1296, 79.6316**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9970, 31.0605, -69.2804**, and **82.8610, 30.6345, -72.6691** is the 20% darker color. If you saturate the color by 10%, you get **123.4720, 37.2353, -89.8679**, and if you desaturate by 10%, it is **140.1280, 29.0239, -69.3953**.

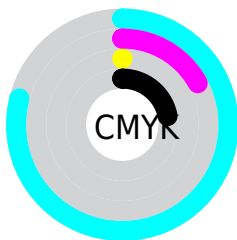
Distribution



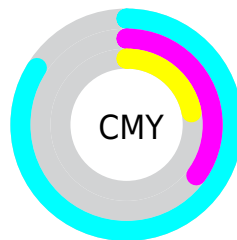
- Red (16%)
- Green (65%)
- Blue (78%)



- Red (16%)
- Yellow (43%)
- Blue (78%)



- Cyan (79%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8000, 33.1296, -79.6316 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 131.8000, 33.1296, -79.6316 by changing the saturation by 10% instead.

■ 131.8000, 33.1296,
-79.6316

■ 131.8000, 33.1296,
-79.6316

■ 255.0000, 0.0000,
0.0000

■ 101.2010, 34.9039,
-88.7533

■ 191.9970, 31.0605,
-69.2804

■ 82.8610, 30.6345,
-72.6691

■ 217.9900, 18.2459,
-65.7662

■ 65.2220, 26.5126,
-57.1997

■ 230.7810, 11.9400,
-49.7969

■ 48.8710, 22.2486,
-42.8599

■ 239.7510, 7.5178,
-31.3536

■ 32.7480, 18.8582,
-28.7200

■ 248.7210, 3.0955,
-12.9103

■ 17.7990, 14.8891,
-15.6097

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 131.8000, 33.1296,
-79.6316

■ 131.8000, 33.1296,
-79.6316

■ 123.4720, 37.2353,
-89.8679

■ 140.1280, 29.0239,
-69.3953

■ 114.5570, 41.6304,
-99.5895

■ 149.0430, 24.6288,
-59.6737

■ 114.2580, 41.7778,
-100.2043

■ 157.3710, 20.5231,
-49.4374

■ 165.6990, 16.4174,
-39.2010

■ 174.0270, 12.3117,
-28.9647

■ 182.6430, 8.0640,
-19.8579

■ 190.9710, 3.9583,
-9.6216

■ 199.2990, -0.1474,
0.6148

■ 208.2140, -4.5425,
10.3363

Harmonies

Analogous

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



128.6180, 22.3733, -82.9800



131.8000, 33.1296, -79.6316



145.0200, 33.0211, -44.7445

Triad

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



131.8000, 33.1296, -79.6316



155.7850, 3.0640, 44.0386



147.8390, -26.0496, 1.8952

Complementary

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



131.8000, 33.1296, -79.6316



108.2000, -33.1296, 79.6316

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.



150.5970, -28.8883, 25.7864



131.8000, 33.1296, -79.6316



154.6320, -11.6506, 50.3117

Square

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



131.8000, 33.1296, -79.6316



156.4970, 16.5170, 22.3661



152.9010, -23.1222, 43.0598



143.5350, -15.0538, -25.0252

Rectangle

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



131.8000, 33.1296, -79.6316



151.0770, 30.0350, -20.2385



152.9010, -23.1222, 43.0598



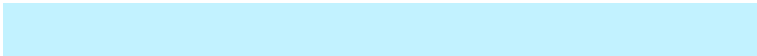
149.0250, -28.1133, 10.5021

Sweetspot

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



131.8000, 33.1296, -79.6316



229.1300, 12.7539, -30.8090



137.3940, -31.7462, -84.5375



112.2410, 7.7692, -18.6284



0.0000, 0.0000, 0.0000



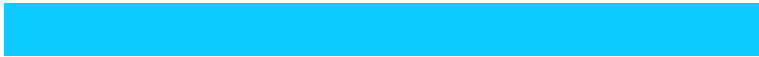
128.0000, 0.0000, 0.0000

Same Dimension

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



131.8000, 33.1296, -79.6316



152.1180, 50.7208, -122.0065



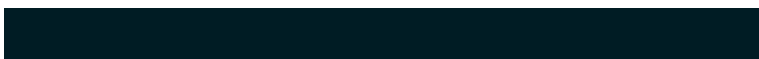
86.6010, 55.4127, -39.9921



95.1350, 1.9054, -4.5034



93.7180, 34.1560, -82.1907



20.5400, 7.6218, -18.0136

Inverse Universe

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



102.3780, 30.8726, 84.7375



107.0180, 47.3191, 129.7802



153.3990, -55.4127, 39.9921



93.4890, 1.7309, 4.8331



63.3290, 31.8828, 87.4115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 131.8000, 33.1296, -79.6316 looks on a white background.

Color Contrast Check

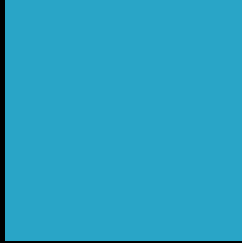
Large Text (above 18pt) WCAG AA × Fail

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 131.8000, 33.1296, -79.6316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

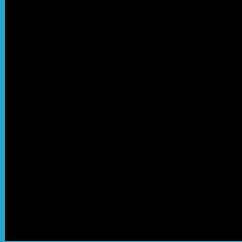
Any Text WCAG AA ✓ Pass

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 131.8000, 33.1296, -79.6316 Background



This preview shows how black text looks on a background with the YUV color 131.8000, 33.1296, -79.6316.

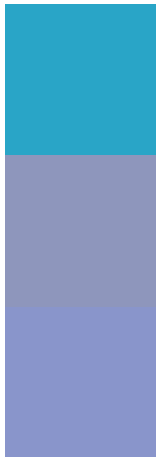


This preview shows how white text looks on a background with the YUV color 131.8000, 33.1296, -79.6316.

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

131.8000, 33.1296, -79.6316

Protanopia

151.9400, 17.7776, -8.7174

Deuteranopia

151.5680, 25.3560, -12.7761



Tritanopia

124.4470, 28.3736, -94.2310

Trichromacy



Original Color

131.8000, 33.1296, -79.6316

Protanomaly

144.2680, 23.5319, -34.4380

Deuteranomaly

144.5110, 28.3421, -37.2821

Tritanomaly

127.2350, 29.9571, -88.7831

Monochromacy



Original Color

131.8000, 33.1296, -79.6316

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9130, 11.8749, -28.8647

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8000, 33.1296, -79.6316 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(41, 165, 199)` looks like.

```
.text, #text, p{  
    color:rgb(41, 165, 199)  
}
```

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(41, 165, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 165, 199) }
```

Border

The CSS property to change the border of an element to YUV 131.8000, 33.1296, -79.6316 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(41, 165, 199) }
```


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

```
.border{ border-color:rgb(41, 165, 199) }
```

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

Here you see how a box with a 4 pixel rgb(41, 165, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 165, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 165, 199);  
box-shadow:4px 4px 4px 4px rgb(41, 165,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 131.8000, 33.1296, -79.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 165, 199) }
```

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

```
.background{ background-color: rgb(41, 165,  
199) }
```

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