

Converting Colors

YUV(141.9270, 33.5600,
-124.4700)

Have a look what the booklet for
YUV(141.9270, 33.5600, -124.4700)
contains.

YUV(141.9270, 33.5600, -124.4700)	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>	30

Color

**YUV(141.9270, 33.5600,
-124.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	00C9D2
RGB	0, 201, 210
RGB Percent	0%, 79%, 82%
CMY	1.0000, 0.2118, 0.1765
CMYK	1.00, 0.04, 0.00, 0.18
HSL	183°, 100%, 41%
HSV	183°, 100%, 82%
XYZ	32.5195, 46.4264, 68.2200
YIQ	141.9270, -122.6850, -39.8130

Conversions

Conversions Part 2

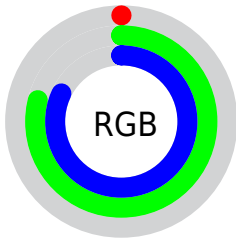
Format	Color
RYB	0, 103, 210
Decimal	51666
CIELab	73.82, -37.45, -16.27
CIELCh	74, 40.836, 203.485
Yxy	46.4264, 0.2210, 0.3155
Android (android.graphics.Color)	4278241746 (0xFF00C9D2)
YUV	141.9270, 33.5600, -124.4700
Hunter-Lab	68.1369, -34.0475, -11.6664

Details

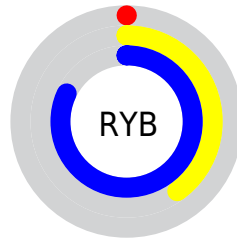
The YUV color **141.9270, 33.5600, -124.4700** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **68.0730, -33.5600, 124.4700**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7480, 21.8162, -90.9870**, and **103.4860, 25.8894, -90.7572** is the 20% darker color. If you saturate the color by 10%, you get **141.9270, 33.5600, -124.4700**, and if you desaturate by 10%, it is **148.7930, 30.1751, -112.0745**.

Distribution



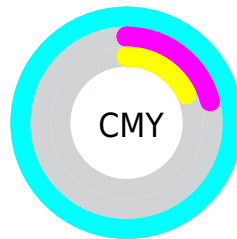
- Red (0%)
- Green (79%)
- Blue (82%)



- Red (0%)
- Yellow (40%)
- Blue (82%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.9270, 33.5600, -124.4700 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 141.9270, 33.5600, -124.4700 by changing the saturation by 10% instead.

■ 141.9270, 33.5600,
-124.4700

■ 141.9270, 33.5600,
-124.4700

■ 255.0000, 0.0000,
0.0000

■ 122.2990, 29.4326,
-107.2562

■ 210.7480, 21.8162,
-90.9870

■ 103.4860, 25.8894,
-90.7572

■ 220.6150, 16.9518,
-70.6994

■ 85.2600, 22.0568,
-74.7730

■ 230.1830, 12.2348,
-51.0265

■ 67.6210, 17.9348,
-59.3036

■ 239.7510, 7.5178,
-31.3536

■ 50.2100, 14.6865,
-44.0342

■ 249.0200, 2.9481,
-12.2955

■ 34.0870, 11.2961,
-29.8943

■ 17.6050, 9.0687,

-15.4396

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 141.9270, 33.5600,
-124.4700

■ 148.7930, 30.1751,
-112.0745

■ 155.6590, 26.7901,
-99.6789

■ 162.5250, 23.4052,
-87.2834

■ 169.3910, 20.0202,
-74.8879

■ 176.2570, 16.6353,
-62.4924

■ 182.5360, 13.5398,
-49.5821

■ 189.4020, 10.1548,
-37.1866

■ 196.2680, 6.7699,
-24.7910

■ 203.1340, 3.3849,
-12.3955

Harmonies

Analogous

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



161.8140, 5.0217, -70.8739



141.9270, 33.5600, -124.4700



152.9800, 43.3939, -105.2225

Triad

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



141.9270, 33.5600, -124.4700



186.3500, 19.5475, 30.3881



179.0830, -36.0299, 29.7452

Complementary

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



141.9270, 33.5600, -124.4700



68.0730, -33.5600, 124.4700

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.



181.6480, -29.4065, 52.0517



141.9270, 33.5600, -124.4700



185.7370, 2.5947, 54.6047

Square

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



141.9270, 33.5600, -124.4700



183.2510, 32.9073, -8.1131



183.7860, -15.1775, 61.5777



175.6340, -31.8646, 0.3210

Rectangle

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



141.9270, 33.5600, -124.4700



166.9720, 42.4118, -70.1354



183.7860, -15.1775, 61.5777



180.4800, -34.7466, 38.1670

Sweetspot

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



141.9270, 33.5600, -124.4700



230.5150, 12.0711, -45.1787



124.0680, -57.7145, -108.8076



113.0720, 7.3595, -27.2501



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.



141.9270, 33.5600, -124.4700



172.2980, 40.7721, -151.1053



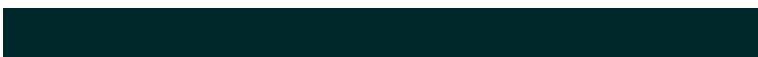
81.4660, 63.3673, -71.4457



101.1240, 1.9109, -6.2477



113.6590, 26.7901, -99.6789



27.5670, 6.6225, -24.1763

Inverse Universe

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



85.7040, 56.8409, 109.0076



104.0610, 68.9899, 132.3735



128.5340, -63.3673, 71.4457



98.4290, 2.7465, 5.7628



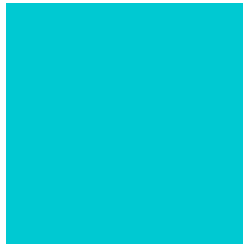
68.5860, 45.5601, 87.1861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 141.9270, 33.5600, -124.4700 looks on a white background.

Color Contrast Check

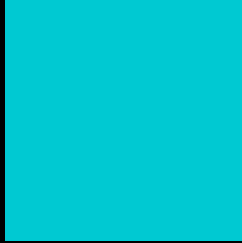
Large Text (above 18pt) WCAG AA × Fail

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 141.9270, 33.5600, -124.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

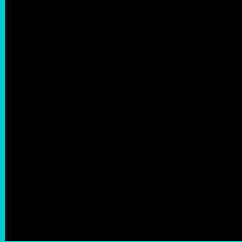
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

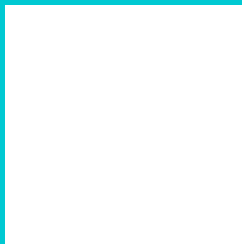
Any Text WCAG AAA ✓ Pass

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

YUV 141.9270, 33.5600, -124.4700 Background



This preview shows how black text looks on a background with the YUV color 141.9270, 33.5600, -124.4700.



This preview shows how white text looks on a background with the YUV color 141.9270, 33.5600, -124.4700.

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



Protanopia

180.9380, 7.4256, -1.6996

Deuteranopia

181.7560, 16.8823, -1.5400

Tritanopia

149.7980, 32.6376, -108.5708

Trichromacy



Protanomaly

166.7690, 16.8759, -46.2784

Deuteranomaly

167.3760, 22.9856, -45.9338

Tritanomaly

146.8790, 33.0907, -113.9039

Monochromacy



Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.6290, 12.5079, -45.2786

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9270, 33.5600, -124.4700 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, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 210)  
}
```

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, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 210) }
```

Border

The CSS property to change the border of an element to YUV 141.9270, 33.5600, -124.4700 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, 201, 210) }
```

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

```
.border{ border-color:rgb(0, 201, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
210) }
```


Background

The CSS property to change the background color of an element to YUV 141.9270, 33.5600, -124.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 210) }
```

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

```
.background{ background-color: rgb(0, 201,  
210) }
```

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