

Converting Colors

YUV(161.8050, 18.3371,
-141.9030)

Have a look what the booklet for
YUV(161.8050, 18.3371, -141.9030)
contains.

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Color

**YUV(161.8050, 18.3371,
-141.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	00EDC7
RGB	0, 237, 199
RGB Percent	0%, 93%, 78%
CMY	1.0000, 0.0706, 0.2196
CMYK	1.00, 0.00, 0.16, 0.07
HSL	170°, 100%, 46%
HSV	170°, 100%, 93%
XYZ	40.5930, 64.6919, 64.3801
YIQ	161.8050, -129.0540, -62.0620

Conversions

Conversions Part 2

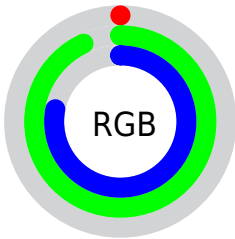
Format	Color
RYB	0, 129, 237
Decimal	60871
CIELab	84.32, -55.90, 5.11
CIELCh	84, 56.130, 174.778
Yxy	64.6919, 0.2393, 0.3813
Android (android.graphics.Color)	4278250951 (0xFF00EDC7)
YUV	161.8050, 18.3371, -141.9030
Hunter-Lab	80.4313, -50.6673, 8.8440

Details

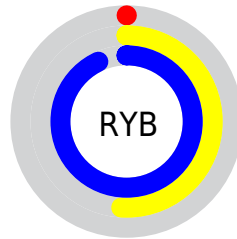
The YUV color **161.8050, 18.3371, -141.9030** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **75.1950, -18.3371, 141.9030**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **122.1900, 11.2453, -107.1606** is the 20% darker color. If you saturate the color by 10%, you get **161.8050, 18.3371, -141.9030**, and if you desaturate by 10%, it is **169.4370, 16.5466, -127.5482**.

Distribution



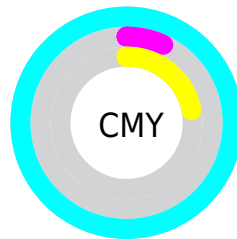
- Red (0%)
- Green (93%)
- Blue (78%)



- Red (0%)
- Yellow (51%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.8050, 18.3371, -141.9030 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 161.8050, 18.3371, -141.9030 by changing the saturation by 10% instead.

161.8050, 18.3371,
-141.9030

161.8050, 18.3371,
-141.9030

255.0000, 0.0000,
0.0000

141.7040, 14.9359,
-124.2744

212.5420, 20.9318,
-87.2983

122.1900, 11.2453,
-107.1606

222.7080, 15.9200,
-66.3959

102.9040, 8.4283,
-90.2468

232.2760, 11.2029,
-46.7231

84.2050, 5.3219,
-73.8478

242.1430, 6.3385,
-26.4354

66.2070, 2.3629,
-58.0635

251.4120, 1.7689,
-7.3773

49.0240, -0.0118,
-42.9940

33.1290, -2.5286,

-29.0541

■ 14.3160, -6.0718,
-12.5551

■ 0.0000, 0.0000,
0.0000

■ 161.8050, 18.3371,
-141.9030

■ 169.4370, 16.5466,
-127.5482

■ 176.7700, 14.9034,
-113.8083

■ 184.2880, 12.6760,
-99.3536

■ 191.9200, 10.8854,
-84.9988

■ 199.2530, 9.2423,
-71.2589

■ 206.8850, 7.4517,
-56.9041

■ 214.5170, 5.6611,
-42.5494

■ 222.0350, 3.4337,
-28.0947

■ 229.3680, 1.7906,
-14.3547

Harmonies

Analogous

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



193.3070, -22.8294, -51.1352



161.8050, 18.3371, -141.9030



167.9610, 41.9242, -147.3018

Triad

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



161.8050, 18.3371, -141.9030



206.2700, 24.0239, -5.4988



199.0900, -36.5264, 49.0331

Complementary

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



161.8050, 18.3371, -141.9030



75.1950, -18.3371, 141.9030

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.



195.3010, -12.9664, 52.3560



161.8050, 18.3371, -141.9030



210.9750, 21.7043, 38.6099

Square

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



161.8050, 18.3371, -141.9030



186.0280, 34.0032, -79.8316



199.5820, 11.0521, 48.6016



206.5390, -51.0447, 38.9923

Rectangle

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



161.8050, 18.3371, -141.9030



166.4280, 43.6660, -145.9574



199.5820, 11.0521, 48.6016



197.0500, -29.1116, 50.8222

Sweetspot

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



161.8050, 18.3371, -141.9030



230.9080, 5.9614, -45.5233



150.7800, -74.3345, -98.0311



113.3340, 3.2863, -27.4799



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.



161.8050, 18.3371, -141.9030



174.0810, 19.6801, -152.6690



119.7640, 57.7973, -105.0330



113.4830, 0.7479, -6.5626



123.5750, 14.0135, -108.3753



36.8280, 4.0288, -32.2982

Inverse Universe

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



75.1950, -18.3371, 141.9030



80.9190, -19.6801, 152.6690



117.2360, -57.7973, 105.0330



109.4030, -1.1847, 6.6626



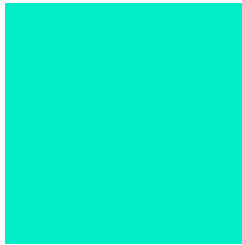
57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 161.8050, 18.3371, -141.9030 looks on a white background.

Color Contrast Check

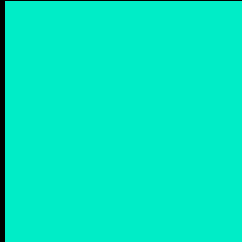
Large Text (above 18pt) WCAG AA × Fail

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 161.8050, 18.3371, -141.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

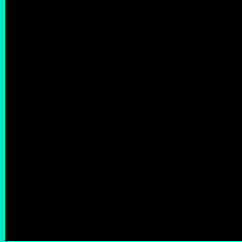
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

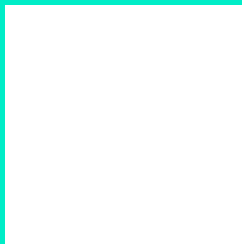
Any Text WCAG AAA ✓ Pass

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

YUV 161.8050, 18.3371, -141.9030 Background



This preview shows how black text looks on a background with the YUV color 161.8050, 18.3371, -141.9030.



This preview shows how white text looks on a background with the YUV color 161.8050, 18.3371, -141.9030.

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

208.2540, -11.9572, 8.5472

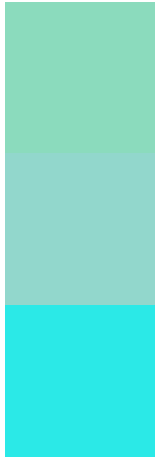
Deuteranopia

210.6430, -1.7960, 16.0991

Tritanopia

183.4290, 32.3265, -102.1082

Trichromacy



Protanomaly

191.6600, -1.3114, -46.1828

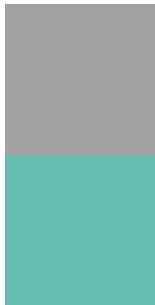
Deuteranomaly

193.1150, 5.3663, -41.3199

Tritanomaly

175.9620, 27.1337, -116.6077

Monochromacy



Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.6900, 6.5618, -51.4711

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.8050, 18.3371, -141.9030 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, 237, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 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(0, 237, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 199) }
```

Border

The CSS property to change the border of an element to YUV 161.8050, 18.3371, -141.9030 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, 237, 199) }
```

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

```
.border{ border-color:rgb(0, 237, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 237, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 237, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 237,  
199) }
```


Background

The CSS property to change the background color of an element to YUV 161.8050, 18.3371, -141.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 199) }
```

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

```
.background{ background-color: rgb(0, 237,  
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](#).

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