

Converting Colors

YUV(163.1390, 28.5255,
-143.0729)

Have a look what the booklet for
YUV(163.1390, 28.5255, -143.0729)
contains.

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Color

**YUV(163.1390, 28.5255,
-143.0729)**

Conversions

Conversions Part 1

Format	Color
Hex	00EBDD
RGB	0, 235, 221
RGB Percent	0%, 92%, 87%
CMY	1.0000, 0.0784, 0.1333
CMYK	1.00, 0.00, 0.06, 0.08
HSL	176°, 100%, 46%
HSV	176°, 100%, 92%
XYZ	42.7595, 64.6371, 78.6292
YIQ	163.1390, -135.5660, -54.1740

Conversions

Conversions Part 2

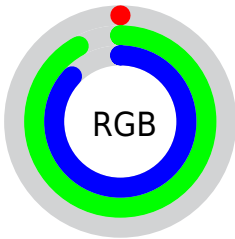
Format	Color
RYB	0, 121, 235
Decimal	60381
CIELab	84.30, -49.19, -6.51
CIELCh	84, 49.621, 187.538
Yxy	64.6371, 0.2299, 0.3475
Android (android.graphics.Color)	4278250461 (0xFF00EBDD)
YUV	163.1390, 28.5255, -143.0729
Hunter-Lab	80.3972, -45.7594, -1.7081

Details

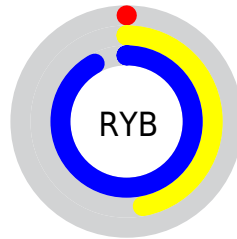
The YUV color **163.1390, 28.5255, -143.0729** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **71.8610, -28.5255, 143.0729**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **123.4100, 20.9969, -108.2306** is the 20% darker color. If you saturate the color by 10%, you get **163.1390, 28.5255, -143.0729**, and if you desaturate by 10%, it is **170.1300, 25.5719, -129.0330**.

Distribution



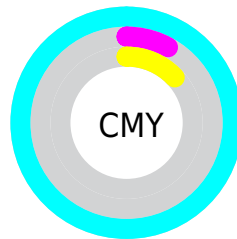
- Red (0%)
- Green (92%)
- Blue (87%)



- Red (0%)
- Yellow (47%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1390, 28.5255, -143.0729 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 163.1390, 28.5255, -143.0729 by changing the saturation by 10% instead.

163.1390, 28.5255,
-143.0729

163.1390, 28.5255,
-143.0729

255.0000, 0.0000,
0.0000

142.9240, 24.6875,
-125.3443

212.8410, 20.7844,
-86.6836

123.4100, 20.9969,
-108.2306

223.3060, 15.6251,
-65.1664

104.5970, 17.4537,
-91.7316

233.1730, 10.7607,
-44.8787

85.7840, 13.9105,
-75.2326

242.7410, 6.0437,
-25.2059

67.7860, 10.9515,
-59.4483

252.3090, 1.3267,
-5.5330

50.4890, 8.1399,
-44.2789

34.3660, 4.7496,

-30.1390

■ 16.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 163.1390, 28.5255,
-143.0729

■ 170.1300, 25.5719,
-129.0330

■ 177.5340, 22.9077,
-114.4783

■ 184.8240, 19.8068,
-99.8236

■ 191.9290, 17.2900,
-85.8837

■ 199.2190, 14.1890,
-71.2291

■ 206.2100, 11.2355,
-57.1892

■ 213.3150, 8.7187,
-43.2493

■ 220.6050, 5.6177,
-28.5946

■ 227.7100, 3.1010,
-14.6547

Harmonies

Analogous

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



191.1880, -8.9667, -64.1859



163.1390, 28.5255, -143.0729



165.8410, 43.9554, -145.4426

Triad

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



163.1390, 28.5255, -143.0729



212.0170, 21.1906, 16.6481



204.8460, -39.8571, 43.9851

Complementary

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



163.1390, 28.5255, -143.0729



71.8610, -28.5255, 143.0729

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.



199.6890, -21.5387, 48.5077



163.1390, 28.5255, -143.0729



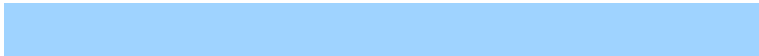
208.8890, 18.7887, 40.4393

Square

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



163.1390, 28.5255, -143.0729



200.4680, 26.8843, -36.3674



200.5960, -0.2938, 47.7123



205.5520, -44.1491, 20.5639

Rectangle

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



163.1390, 28.5255, -143.0729



162.9060, 45.4023, -142.8686



200.5960, -0.2938, 47.7123



202.9370, -34.4789, 45.6593

Sweetspot

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



163.1390, 28.5255, -143.0729



231.7060, 9.0189, -46.2232



142.7290, -70.3654, -111.1413



113.9040, 5.4703, -27.9798



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.



163.1390, 28.5255, -143.0729



177.0450, 31.0368, -155.2685



104.8610, 64.1585, -91.9631



113.7110, 1.6215, -6.7625



125.6270, 21.8759, -110.1749



37.3980, 6.2128, -32.7980

Inverse Universe

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



71.8610, -28.5255, 143.0729



77.9550, -31.0368, 155.2685



130.1390, -64.1585, 91.9631



109.2890, -1.6215, 6.7625



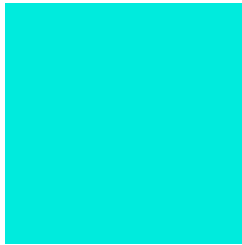
55.3730, -21.8759, 110.1749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 163.1390, 28.5255, -143.0729 looks on a white background.

Color Contrast Check

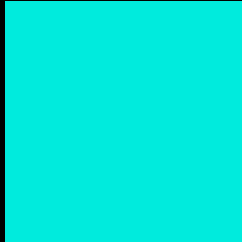
Large Text (above 18pt) WCAG AA × Fail

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 163.1390, 28.5255, -143.0729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

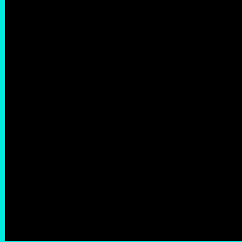
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

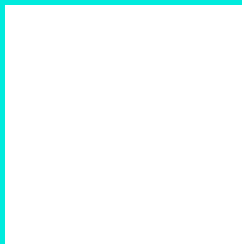
Any Text WCAG AAA ✓ Pass

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

YUV 163.1390, 28.5255, -143.0729 Background



This preview shows how black text looks on a background with the YUV color 163.1390, 28.5255, -143.0729.

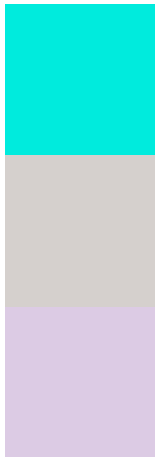


This preview shows how white text looks on a background with the YUV color 163.1390, 28.5255, -143.0729.

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

163.1390, 28.5255, -143.0729

Protanopia

209.1530, -2.0474, 3.3738

Deuteranopia

210.9330, 8.4140, 7.9518



Tritanopia

180.2430, 34.3902, -110.7151

Trichromacy



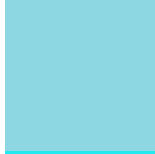
Original Color

163.1390, 28.5255, -143.0729



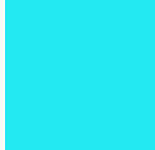
Protanomaly

192.6840, 9.0298, -49.7119



Deuteranomaly

193.7150, 15.4235, -47.1081



Tritanomaly

173.5960, 32.2442, -122.4257

Monochromacy



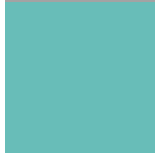
Original Color

163.1390, 28.5255, -143.0729



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.0150, 10.3456, -51.7562

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1390, 28.5255, -143.0729 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, 235, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 221)  
}
```

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, 235, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 221) }
```

Border

The CSS property to change the border of an element to YUV 163.1390, 28.5255, -143.0729 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, 235, 221) }
```


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

```
.border{ border-color:rgb(0, 235, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 235, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 163.1390, 28.5255, -143.0729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 221) }
```

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

```
.background{ background-color: rgb(0, 235,  
221) }
```

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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