

Converting Colors

YUV(152.5270, 23.4042,
-133.7662)

Have a look what the booklet for
YUV(152.5270, 23.4042, -133.7662)
contains.

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Color

**YUV(152.5270, 23.4042,
-133.7662)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00DDC8 |
| RGB | 0, 221, 200 |
| RGB Percent | 0%, 87%, 78% |
| CMY | 1.0000, 0.1333, 0.2157 |
| CMYK | 1.00, 0.00, 0.10, 0.13 |
| HSL | 174°, 100%, 43% |
| HSV | 174°, 100%, 87% |
| XYZ | 36.2818, 55.8830, 63.5178 |
| YIQ | 152.5270, -124.9750, -53.3830 |

Conversions

Conversions Part 2

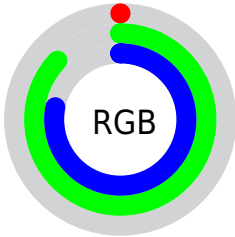
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 116, 221 |
| Decimal | 56776 |
| CIELab | 79.55, -49.14, -2.38 |
| CIELCh | 80, 49.194, 182.768 |
| Yxy | 55.8830, 0.2330, 0.3590 |
| Android (android.graphics.Color) | 4278246856 (0xFF00DDC8) |
| YUV | 152.5270, 23.4042, -133.7662 |
| Hunter-Lab | 74.7550, -44.1875, 1.9509 |

Details

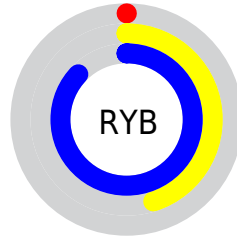
The YUV color **152.5270, 23.4042, -133.7662** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **68.4730, -23.4042, 133.7662**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3460, 21.5214, -89.7574**, and **113.4990, 16.0230, -99.5386** is the 20% darker color. If you saturate the color by 10%, you get **152.5270, 23.4042, -133.7662**, and if you desaturate by 10%, it is **159.3330, 21.0348, -120.4410**.

Distribution



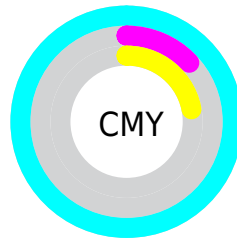
- Red (0%)
- Green (87%)
- Blue (78%)



- Red (0%)
- Yellow (45%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.5270, 23.4042, -133.7662 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 152.5270, 23.4042, -133.7662 by changing the saturation by 10% instead.

152.5270, 23.4042,
-133.7662

152.5270, 23.4042,
-133.7662

255.0000, 0.0000,
0.0000

133.0130, 19.7136,
-116.6524

211.3460, 21.5214,
-89.7574

113.4990, 16.0230,
-99.5386

221.5120, 16.5096,
-68.8550

94.8000, 12.9166,
-83.1396

231.0800, 11.7926,
-49.1822

76.6880, 9.5208,
-67.2554

240.6480, 7.0755,
-29.5093

58.6900, 6.5618,
-51.4711

250.2160, 2.3585,
-9.8364

41.5070, 4.1870,
-36.4016

26.1990, 1.3809,

-22.9765

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 152.5270, 23.4042,
-133.7662

■ 159.3330, 21.0348,
-120.4410

■ 166.1390, 18.6655,
-107.1159

■ 172.9450, 16.2961,
-93.7908

■ 179.7510, 13.9268,
-80.4656

■ 186.9700, 11.8468,
-66.6257

■ 193.7760, 9.4774,
-53.3006

■ 200.5820, 7.1081,
-39.9754

■ 207.3880, 4.7387,
-26.6503

■ 214.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



179.6190, -12.6302, -55.7939



152.5270, 23.4042, -133.7662



157.0700, 43.3495, -137.7504

Triad

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



152.5270, 23.4042, -133.7662



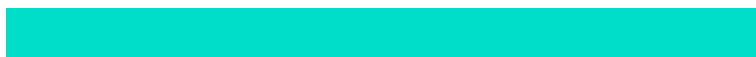
198.9710, 27.6223, 7.0414



195.1290, -39.0106, 52.5069

Complementary

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



152.5270, 23.4042, -133.7662



68.4730, -23.4042, 133.7662

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.



190.2000, -19.8186, 56.8296



152.5270, 23.4042, -133.7662



201.6340, 18.9144, 46.8020

Square

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



152.5270, 23.4042, -133.7662



185.6390, 34.1950, -47.9184



192.3950, 1.2843, 54.9046



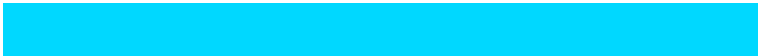
193.2860, -44.0180, 25.1822

Rectangle

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



152.5270, 23.4042, -133.7662



155.8620, 48.8750, -136.6910



192.3950, 1.2843, 54.9046



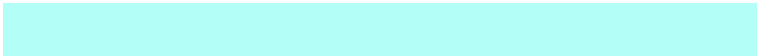
192.7470, -32.9063, 54.5959

Sweetspot

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



152.5270, 23.4042, -133.7662



231.4780, 8.1453, -46.0232



136.3050, -67.1984, -100.2455



113.6760, 4.5967, -27.7799



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.



152.5270, 23.4042, -133.7662



176.0190, 27.1056, -154.3687



103.2650, 58.0434, -90.5634



106.5970, 1.1847, -6.6626



119.4490, 18.5126, -104.7568



31.7900, 5.0335, -27.8798

Inverse Universe

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



68.4730, -23.4042, 133.7662



78.9810, -27.1056, 154.3687



117.7350, -58.0434, 90.5634



102.4030, -1.1847, 6.6626



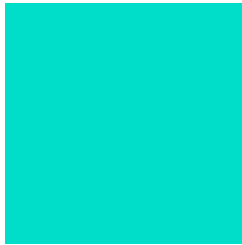
53.5510, -18.5126, 104.7568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 152.5270, 23.4042, -133.7662 looks on a white background.

Color Contrast Check

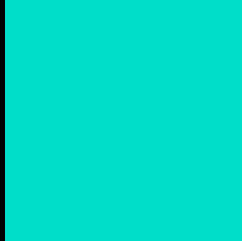
Large Text (above 18pt) WCAG AA × Fail

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 152.5270, 23.4042, -133.7662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

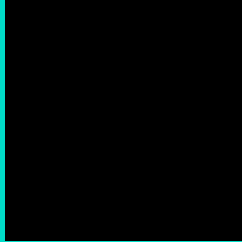
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

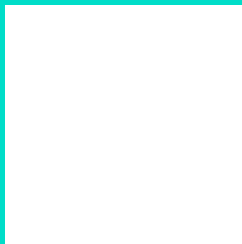
Any Text WCAG AAA ✓ Pass

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

YUV 152.5270, 23.4042, -133.7662 Background



This preview shows how black text looks on a background with the YUV color 152.5270, 23.4042, -133.7662.



This preview shows how white text looks on a background with the YUV color 152.5270, 23.4042, -133.7662.

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

195.6540, -5.2524, 4.6884

Deuteranopia

197.6190, 4.6248, 9.9811

Tritanopia

169.9130, 31.5949, -100.7787

Trichromacy



Protanomaly

179.6800, 5.0878, -45.3234

Deuteranomaly

181.0100, 11.3341, -42.1048

Tritanomaly

163.7390, 28.7227, -112.9041

Monochromacy



Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8690, 8.4456, -48.9971

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5270, 23.4042, -133.7662 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, 221, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 200)  
}
```

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, 221, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 200) }
```

Border

The CSS property to change the border of an element to YUV 152.5270, 23.4042, -133.7662 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, 221, 200) }
```

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

```
.border{ border-color:rgb(0, 221, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 221, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 221,  
200) }
```


Background

The CSS property to change the background color of an element to YUV 152.5270, 23.4042, -133.7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 200) }
```

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

```
.background{ background-color: rgb(0, 221,  
200) }
```

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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