

Converting Colors

YUV(151.7750, 30.6769,
-133.1067)

Have a look what the booklet for
YUV(151.7750, 30.6769, -133.1067)
contains.

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Color

**YUV(151.7750, 30.6769,
-133.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	00D9D6
RGB	0, 217, 214
RGB Percent	0%, 85%, 84%
CMY	1.0000, 0.1490, 0.1608
CMYK	1.00, 0.00, 0.01, 0.15
HSL	179°, 100%, 43%
HSV	179°, 100%, 85%
XYZ	36.9505, 54.4807, 72.1867
YIQ	151.7750, -128.3690, -46.9370

Conversions

Conversions Part 2

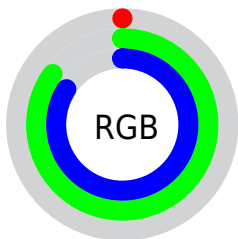
Format	Color
RYB	0, 109, 217
Decimal	55766
CIELab	78.74, -43.45, -11.05
CIELCh	79, 44.830, 194.264
Yxy	54.4807, 0.2258, 0.3330
Android (android.graphics.Color)	4278245846 (0xFF00D9D6)
YUV	151.7750, 30.6769, -133.1067
Hunter-Lab	73.8111, -39.8108, -6.3174

Details

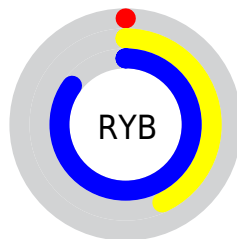
The YUV color **151.7750, 30.6769, -133.1067** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **65.2250, -30.6769, 133.1067**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6450, 21.3740, -89.1427**, and **112.6330, 22.8589, -98.7791** is the 20% darker color. If you saturate the color by 10%, you get **151.7750, 30.6769, -133.1067**, and if you desaturate by 10%, it is **158.3530, 27.4340, -119.5816**.

Distribution



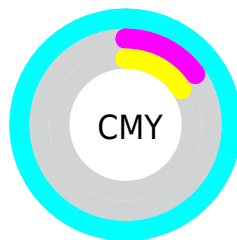
- Red (0%)
- Green (85%)
- Blue (84%)



- Red (0%)
- Yellow (43%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7750, 30.6769, -133.1067 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 151.7750, 30.6769, -133.1067 by changing the saturation by 10% instead.

151.7750, 30.6769,
-133.1067

151.7750, 30.6769,
-133.1067

255.0000, 0.0000,
0.0000

132.1470, 26.5495,
-115.8929

211.6450, 21.3740,
-89.1427

112.6330, 22.8589,
-98.7791

221.8110, 16.3622,
-68.2402

93.8200, 19.3157,
-82.2801

231.3790, 11.6452,
-48.5674

75.7080, 15.9200,
-66.3959

240.9470, 6.9281,
-28.8945

58.2970, 12.6716,
-51.1265

250.5150, 2.2111,
-9.2217

41.5870, 9.5706,
-36.4718

26.7520, 6.0383,

-23.4615

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 151.7750, 30.6769,
-133.1067

■ 158.3530, 27.4340,
-119.5816

■ 164.7460, 24.7752,
-106.7712

■ 171.3240, 21.5323,
-93.2461

■ 177.9020, 18.2893,
-79.7211

■ 184.5940, 15.4832,
-66.2959

■ 190.8730, 12.3876,
-53.3856

■ 197.4510, 9.1447,
-39.8605

■ 204.0290, 5.9017,
-26.3354

■ 210.4220, 3.2430,
-13.5251

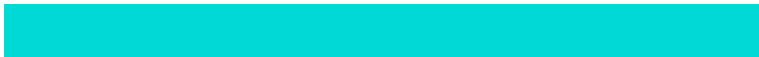
Harmonies

Analogous

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



175.5990, -2.2673, -66.3003



151.7750, 30.6769, -133.1067



154.3460, 48.1434, -135.3614

Triad

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



151.7750, 30.6769, -133.1067



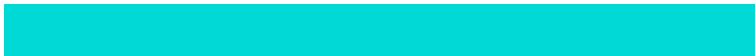
200.2440, 26.9947, 21.7110



193.7640, -38.8307, 41.4260

Complementary

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



151.7750, 30.6769, -133.1067



65.2250, -30.6769, 133.1067

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.



192.4680, -26.3597, 54.8406



151.7750, 30.6769, -133.1067



198.0660, 10.3205, 49.9311

Square

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



151.7750, 30.6769, -133.1067



191.4080, 31.3509, -22.2828



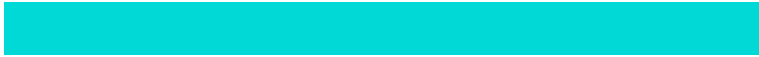
191.4030, -7.5937, 55.7746



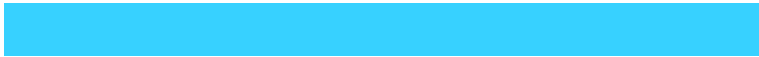
189.9790, -38.4436, 10.5424

Rectangle

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



151.7750, 30.6769, -133.1067



168.1980, 42.7934, -99.2746



191.4030, -7.5937, 55.7746



194.3890, -36.6738, 49.6478

Sweetspot

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



151.7750, 30.6769, -133.1067



232.1620, 10.7661, -46.6231



128.5750, -63.3875, -109.2523



114.1320, 6.3439, -28.1798



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.



151.7750, 30.6769, -133.1067



178.2990, 35.8416, -156.3682



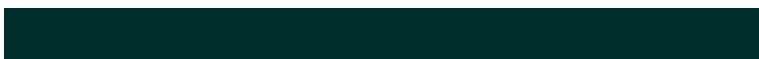
90.4820, 62.3734, -79.3527



106.5970, 1.1847, -6.6626



121.0450, 24.6278, -106.1565



32.1320, 6.3439, -28.1798

Inverse Universe

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



65.2250, -30.6769, 133.1067



76.7010, -35.8416, 156.3682



126.5180, -62.3734, 79.3527



102.2890, -1.6215, 6.7625



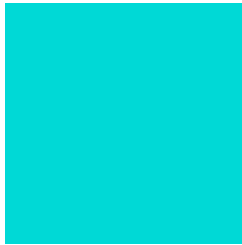
51.9550, -24.6278, 106.1565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 151.7750, 30.6769, -133.1067 looks on a white background.

Color Contrast Check

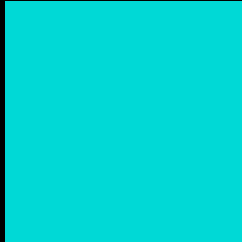
Large Text (above 18pt) WCAG AA × Fail

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 151.7750, 30.6769, -133.1067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

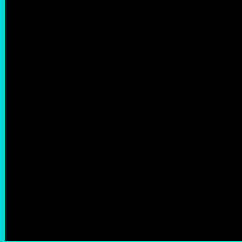
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

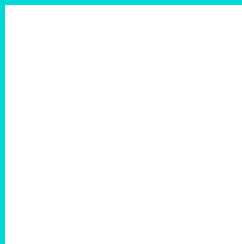
Any Text WCAG AAA ✓ Pass

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

YUV 151.7750, 30.6769, -133.1067 Background



This preview shows how black text looks on a background with the YUV color 151.7750, 30.6769, -133.1067.



This preview shows how white text looks on a background with the YUV color 151.7750, 30.6769, -133.1067.

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

193.6950, 2.6154, 1.1445

Deuteranopia

194.9370, 12.3561, 3.5633

Tritanopia

164.6240, 33.2164, -107.5412

Trichromacy



Protanomaly

178.3190, 12.6607, -47.6378

Deuteranomaly

179.6380, 18.9125, -46.1635

Tritanomaly

159.9280, 32.0805, -116.5779

Monochromacy



Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.2650, 11.2084, -48.4674

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7750, 30.6769, -133.1067 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, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 214)  
}
```

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, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 214) }
```

Border

The CSS property to change the border of an element to YUV 151.7750, 30.6769, -133.1067 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, 217, 214) }
```

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

```
.border{ border-color:rgb(0, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
214) }
```


Background

The CSS property to change the background color of an element to YUV 151.7750, 30.6769, -133.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 214) }
```

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

```
.background{ background-color: rgb(0, 217,  
214) }
```

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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