

Converting Colors

YUV(174.9930, 23.1745,
-153.4689)

Have a look what the booklet for
YUV(174.9930, 23.1745, -153.4689)
contains.

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Color

**YUV(174.9930, 23.1745,
-153.4689)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFDE
RGB	0, 255, 222
RGB Percent	0%, 100%, 87%
CMY	1.0000, 0.0000, 0.1294
CMYK	1.00, 0.00, 0.13, 0.00
HSL	172°, 100%, 50%
HSV	172°, 100%, 100%
XYZ	48.9448, 76.7939, 81.3503
YIQ	174.9930, -141.3870, -64.3230

Conversions

Conversions Part 2

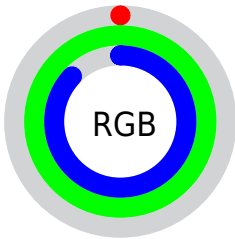
Format	Color
RYB	0, 136, 255
Decimal	65502
CIELab	90.23, -57.11, 1.67
CIELCh	90, 57.130, 178.326
Yxy	76.7939, 0.2363, 0.3708
Android (android.graphics.Color)	4278255582 (0xFF00FFDE)
YUV	174.9930, 23.1745, -153.4689
Hunter-Lab	87.6321, -53.6594, 6.3027

Details

The YUV color **174.9930, 23.1745, -153.4689** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **80.0070, -23.1745, 153.4689**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0370, 20.1948, -84.2244**, and **134.6770, 15.9352, -118.1117** is the 20% darker color. If you saturate the color by 10%, you get **174.9930, 23.1745, -153.4689**, and if you desaturate by 10%, it is **182.8100, 20.7997, -138.3994**.

Distribution



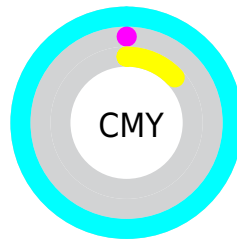
- Red (0%)
- Green (100%)
- Blue (87%)



- Red (0%)
- Yellow (53%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9930, 23.1745, -153.4689 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 174.9930, 23.1745, -153.4689 by changing the saturation by 10% instead.

174.9930, 23.1745,
-153.4689

174.9930, 23.1745,
-153.4689

255.0000, 0.0000,
0.0000

154.7780, 19.3364,
-135.7403

214.0370, 20.1948,
-84.2244

134.6770, 15.9352,
-118.1117

224.5020, 15.0355,
-62.7073

115.2770, 12.6814,
-101.0979

234.6680, 10.0237,
-41.8048

96.4640, 9.1382,
-84.5989

244.2360, 5.3067,
-22.1320

77.8790, 6.4687,
-68.2999

254.1030, 0.4422,
-1.8443

59.8810, 3.5097,
-52.5156

42.6980, 1.1349,

-37.4461

■ 26.9170, -0.9451,
-23.6062

■ 1.1740, -0.5788,
-1.0296

■ 174.9930, 23.1745,
-153.4689

■ 182.8100, 20.7997,
-138.3994

■ 191.0400, 18.7143,
-122.8151

■ 199.1560, 16.1921,
-107.1308

■ 206.9730, 13.8173,
-92.0613

■ 215.2030, 11.7319,
-76.4770

■ 223.0200, 9.3571,
-61.4075

■ 231.1360, 6.8350,
-45.7233

■ 238.9530, 4.4602,
-30.6538

■ 247.1830, 2.3748,
-15.0695

Harmonies

Analogous

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



208.0610, -19.7501, -58.8125



174.9930, 23.1745, -153.4689



178.1680, 37.8782, -156.2533

Triad

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



174.9930, 23.1745, -153.4689



222.5610, 15.9924, 3.8930



210.7960, -37.3674, 38.7669

Complementary

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



174.9930, 23.1745, -153.4689



80.0070, -23.1745, 153.4689

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.



206.3060, -13.9549, 42.7046



174.9930, 23.1745, -153.4689



219.1930, 17.6529, 31.4027

Square

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



174.9930, 23.1745, -153.4689



204.9990, 24.6505, -66.6511



209.5270, 11.0792, 39.8798



220.2560, -51.8912, 30.4705

Rectangle

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



174.9930, 23.1745, -153.4689



175.8200, 39.0357, -154.1941



209.5270, 11.0792, 39.8798



208.6420, -30.3895, 40.6560

Sweetspot

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



174.9930, 23.1745, -153.4689



231.1360, 6.8350, -45.7233



159.8510, -78.8065, -110.3713



113.5620, 4.1599, -27.6799



0.0000, 0.0000, 0.0000



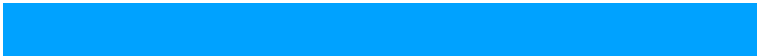
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.9930, 23.1745, -153.4689



124.1640, 64.5021, -108.8918



123.8850, 1.0427, -7.7921



131.1550, 17.6716, -115.0229



43.9520, 5.9397, -38.5459

Inverse Universe

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



80.0070, -23.1745, 153.4689



131.4230, -64.7915, 108.3770



119.0010, -1.4795, 7.8921



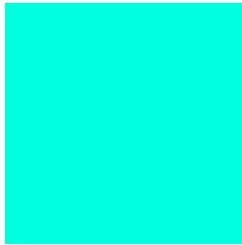
59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 174.9930, 23.1745, -153.4689 looks on a white background.

Color Contrast Check

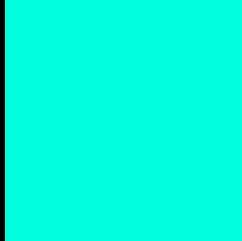
Large Text (above 18pt) WCAG AA × Fail

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 174.9930, 23.1745, -153.4689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

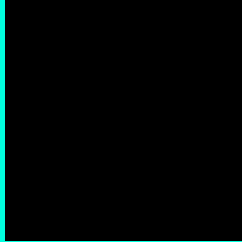
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

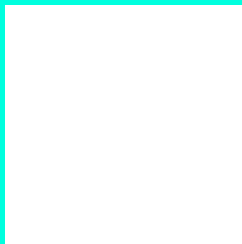
Any Text WCAG AAA ✓ Pass

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

YUV 174.9930, 23.1745, -153.4689 Background



This preview shows how black text looks on a background with the YUV color 174.9930, 23.1745, -153.4689.

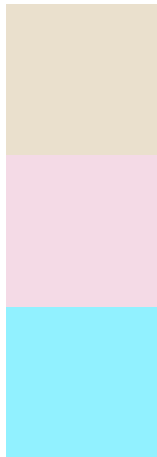


This preview shows how white text looks on a background with the YUV color 174.9930, 23.1745, -153.4689.

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

224.8240, -9.7732, 8.0474

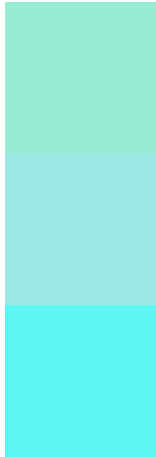
Deuteranopia

227.1420, 1.4090, 14.7845

Tritanopia

213.8920, 20.2662, -60.4183

Trichromacy



Protanomaly

206.5500, 2.1939, -50.4713

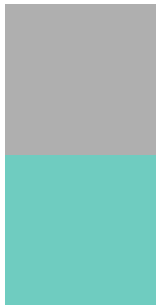
Deuteranomaly

207.8200, 9.4557, -46.3231

Tritanomaly

199.6120, 21.3903, -94.3757

Monochromacy



Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8250, 8.4673, -55.9745

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9930, 23.1745, -153.4689 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, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 222)  
}
```

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, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 222) }
```

Border

The CSS property to change the border of an element to YUV 174.9930, 23.1745, -153.4689 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, 255, 222) }
```

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

```
.border{ border-color:rgb(0, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 174.9930, 23.1745, -153.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 222) }
```

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

```
.background{ background-color: rgb(0, 255,  
222) }
```

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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