

Converting Colors

YUV(173.1690, 16.1857,
-151.8692)

Have a look what the booklet for
YUV(173.1690, 16.1857, -151.8692)
contains.

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Color

**YUV(173.1690, 16.1857,
-151.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFCE
RGB	0, 255, 206
RGB Percent	0%, 100%, 81%
CMY	1.0000, 0.0000, 0.1922
CMYK	1.00, 0.00, 0.19, 0.00
HSL	168°, 100%, 50%
HSV	168°, 100%, 100%
XYZ	46.9006, 75.9762, 70.5855
YIQ	173.1690, -136.2510, -69.2990

Conversions

Conversions Part 2

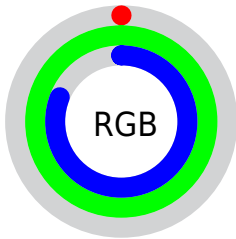
Format	Color
RYB	0, 141, 255
Decimal	65486
CIELab	89.85, -61.13, 9.40
CIELCh	90, 61.853, 171.256
Yxy	75.9762, 0.2424, 0.3927
Android (android.graphics.Color)	4278255566 (0xFF00FFCE)
YUV	173.1690, 16.1857, -151.8692
Hunter-Lab	87.1643, -56.4920, 13.0021

Details

The YUV color **173.1690, 16.1857, -151.8692** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **81.8310, -16.1857, 151.8692**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **132.9670, 9.3833, -116.6121** is the 20% darker color. If you saturate the color by 10%, you get **173.1690, 16.1857, -151.8692**, and if you desaturate by 10%, it is **181.2140, 14.6845, -136.9997**.

Distribution



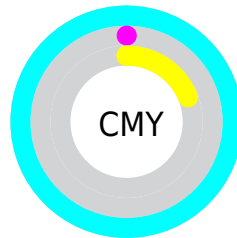
- Red (0%)
- Green (100%)
- Blue (81%)



- Red (0%)
- Yellow (55%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1690, 16.1857, -151.8692 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 173.1690, 16.1857, -151.8692 by changing the saturation by 10% instead.

173.1690, 16.1857,
-151.8692

173.1690, 16.1857,
-151.8692

255.0000, 0.0000,
0.0000

153.0680, 12.7845,
-134.2406

213.7380, 20.3422,
-84.8392

132.9670, 9.3833,
-116.6121

224.2030, 15.1829,
-63.3220

113.5670, 6.1295,
-99.5983

234.0700, 10.3185,
-43.0344

94.2810, 3.3125,
-82.6844

243.9370, 5.4541,
-22.7467

76.2830, 0.3535,
-66.9002

253.5050, 0.7370,
-3.0739

58.3990, -2.1687,
-51.2159

40.7430, -3.8173,

-35.7316

■ 24.7340, -6.7709,
-21.6917

■ 0.0000, 0.0000,
0.0000

■ 173.1690, 16.1857,
-151.8692

■ 181.2140, 14.6845,
-136.9997

■ 189.5580, 13.0359,
-121.5154

■ 197.9020, 11.3873,
-106.0311

■ 205.9470, 9.8861,
-91.1615

■ 214.1770, 7.8007,
-75.5772

■ 222.2220, 6.2996,
-60.7077

■ 230.5660, 4.6510,
-45.2234

■ 238.6110, 3.1498,
-30.3538

■ 246.9550, 1.5012,
-14.8695

Harmonies

Analogous

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



207.4120, -28.7971, -50.3503



173.1690, 16.1857, -151.8692



178.7550, 37.5888, -156.7681

Triad

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



173.1690, 16.1857, -151.8692



217.1460, 18.6620, -12.4060



206.2140, -34.6155, 42.7853

Complementary

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



173.1690, 16.1857, -151.8692



81.8310, -16.1857, 151.8692

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.



202.5220, -8.1453, 46.0232



173.1690, 16.1857, -151.8692



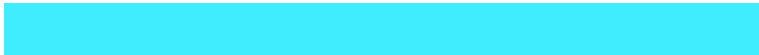
219.1930, 17.6529, 31.4027

Square

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



173.1690, 16.1857, -151.8692



187.0260, 33.5112, -108.7708



208.7750, 18.3519, 40.5393



215.7080, -54.0860, 34.4591

Rectangle

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



173.1690, 16.1857, -151.8692



177.5810, 38.1676, -155.7385



208.7750, 18.3519, 40.5393



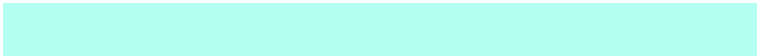
203.8150, -26.0378, 44.8892

Sweetspot

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



173.1690, 16.1857, -151.8692



230.5660, 4.6510, -45.2234



164.9340, -81.3125, -99.9201



113.2200, 2.8495, -27.3799



0.0000, 0.0000, 0.0000



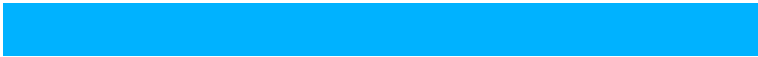
128.0000, 0.0000, 0.0000

Same Dimension

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



173.1690, 16.1857, -151.8692



133.5560, 59.8719, -117.1286



123.7710, 0.6059, -7.6922



129.6730, 11.9932, -113.7232



43.3820, 3.7557, -38.0460

Inverse Universe

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



81.8310, -16.1857, 151.8692



121.4440, -59.8719, 117.1286



119.1150, -1.0427, 7.7921



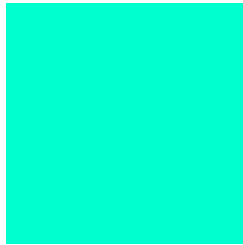
61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 173.1690, 16.1857, -151.8692 looks on a white background.

Color Contrast Check

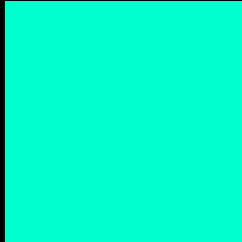
Large Text (above 18pt) WCAG AA × Fail

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 173.1690, 16.1857, -151.8692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

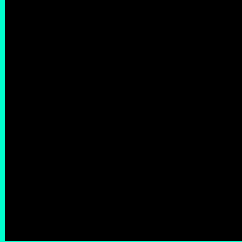
Any Text WCAG AA ✓ Pass

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 173.1690, 16.1857, -151.8692 Background



This preview shows how black text looks on a background with the YUV color 173.1690, 16.1857, -151.8692.



This preview shows how white text looks on a background with the YUV color 173.1690, 16.1857, -151.8692.

-151.8692.

Color Blindness Simulation

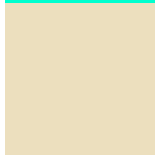
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



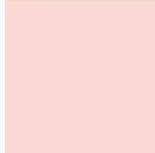
Original Color

173.1690, 16.1857, -151.8692



Protanopia

223.1250, -16.3306, 11.2914



Deuteranopia

225.6390, -5.7380, 20.4876



Tritanopia

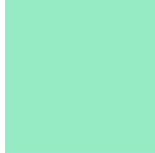
212.1090, 21.1453, -62.3626

Trichromacy



Original Color

173.1690, 16.1857, -151.8692



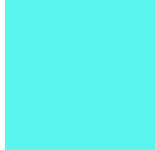
Protanomaly

205.1390, -4.5055, -48.3569



Deuteranomaly

206.3060, 2.3141, -42.3644



Tritanomaly

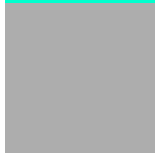
197.7430, 19.3537, -94.4906

Monochromacy



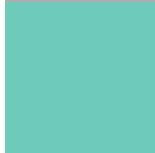
Original Color

173.1690, 16.1857, -151.8692



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.1410, 5.8465, -55.3747

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1690, 16.1857, -151.8692 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 206) }
```

Border

The CSS property to change the border of an element to YUV 173.1690, 16.1857, -151.8692 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, 206) }
```

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

```
.border{ border-color:rgb(0, 255, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 173.1690, 16.1857, -151.8692 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, 206) }
```

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

```
.background{ background-color: rgb(0, 255,  
206) }
```

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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