

Converting Colors

YUV(172.9410, 15.3121,
-151.6693)

Have a look what the booklet for
YUV(172.9410, 15.3121, -151.6693)
contains.

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Color

**YUV(172.9410, 15.3121,
-151.6693)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFCC
RGB	0, 255, 204
RGB Percent	0%, 100%, 80%
CMY	1.0000, 0.0000, 0.2000
CMYK	1.00, 0.00, 0.20, 0.00
HSL	168°, 100%, 50%
HSV	168°, 100%, 100%
XYZ	46.6591, 75.8796, 69.3138
YIQ	172.9410, -135.6090, -69.9210

Conversions

Conversions Part 2

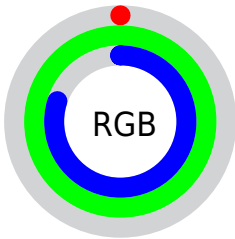
Format	Color
RYB	0, 142, 255
Decimal	65484
CIELab	89.80, -61.62, 10.37
CIELCh	90, 62.487, 170.446
Yxy	75.8796, 0.2432, 0.3955
Android (android.graphics.Color)	4278255564 (0xFF00FFCC)
YUV	172.9410, 15.3121, -151.6693
Hunter-Lab	87.1089, -56.8287, 13.7984

Details

The YUV color **172.9410, 15.3121, -151.6693** 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 **82.0590, -15.3121, 151.6693**, 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 **132.7390, 8.5097, -116.4121** is the 20% darker color. If you saturate the color by 10%, you get **172.9410, 15.3121, -151.6693**, and if you desaturate by 10%, it is **180.9860, 13.8109, -136.7997**.

Distribution



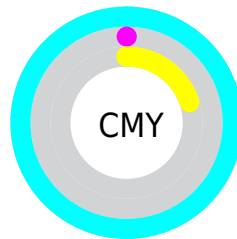
- Red (0%)
- Green (100%)
- Blue (80%)



- Red (0%)
- Yellow (56%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9410, 15.3121, -151.6693 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 172.9410, 15.3121, -151.6693 by changing the saturation by 10% instead.

172.9410, 15.3121,
-151.6693

172.9410, 15.3121,
-151.6693

255.0000, 0.0000,
0.0000

152.8400, 11.9109,
-134.0407

213.7380, 20.3422,
-84.8392

132.7390, 8.5097,
-116.4121

224.2030, 15.1829,
-63.3220

113.3390, 5.2559,
-99.3983

234.0700, 10.3185,
-43.0344

94.0530, 2.4389,
-82.4845

243.9370, 5.4541,
-22.7467

76.0550, -0.5201,
-66.7002

253.5050, 0.7370,
-3.0739

58.1710, -3.0423,
-51.0160

40.5150, -4.6909,

-35.5317

■ 24.5060, -7.6445,
-21.4918

■ 0.0000, 0.0000,
0.0000

■ 172.9410, 15.3121,
-151.6693

■ 180.9860, 13.8109,
-136.7997

■ 189.3300, 12.1623,
-121.3154

■ 197.6740, 10.5137,
-105.8311

■ 205.7190, 9.0125,
-90.9616

■ 214.0630, 7.3639,
-75.4773

■ 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.



207.4830, -29.8181, -49.5356



172.9410, 15.3121, -151.6693



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.



172.9410, 15.3121, -151.6693



216.5370, 18.9623, -15.3799



205.6270, -34.3261, 43.3001

Complementary

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



172.9410, 15.3121, -151.6693



82.0590, -15.3121, 151.6693

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.



202.0490, -7.4192, 46.4380



172.9410, 15.3121, -151.6693



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.



172.9410, 15.3121, -151.6693



182.8290, 35.5803, -119.1220



208.4160, 19.5149, 40.8542



215.0070, -54.2335, 35.0739

Rectangle

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



172.9410, 15.3121, -151.6693



177.5810, 38.1676, -155.7385



208.4160, 19.5149, 40.8542



203.2280, -25.7484, 45.4040

Sweetspot

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



172.9410, 15.3121, -151.6693



230.5660, 4.6510, -45.2234



164.9340, -81.3125, -99.9201



113.1060, 2.4127, -27.2800



0.0000, 0.0000, 0.0000



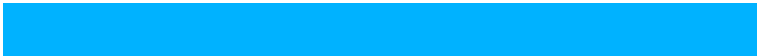
128.0000, 0.0000, 0.0000

Same Dimension

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



172.9410, 15.3121, -151.6693



133.5560, 59.8719, -117.1286



123.7710, 0.6059, -7.6922



129.5590, 11.5564, -113.6232



43.3820, 3.7557, -38.0460

Inverse Universe

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



82.0590, -15.3121, 151.6693



121.4440, -59.8719, 117.1286



119.1150, -1.0427, 7.7921



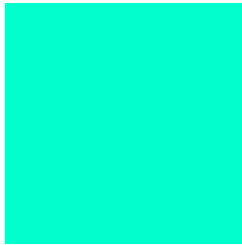
61.4410, -11.5564, 113.6232



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 172.9410, 15.3121, -151.6693 looks on a white background.

Color Contrast Check

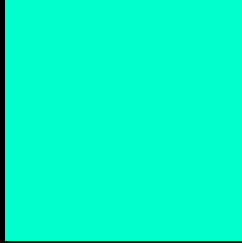
Large Text (above 18pt) WCAG AA × Fail

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 172.9410, 15.3121, -151.6693 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 172.9410, 15.3121, -151.6693 Background



This preview shows how black text looks on a background with the YUV color 172.9410, 15.3121, -151.6693.



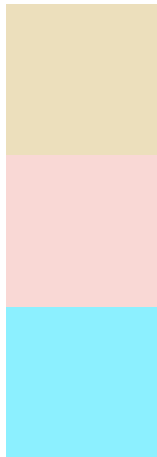
This preview shows how white text looks on a background with the YUV color 172.9410, 15.3121, -151.6693.

-151.6693.

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

222.8970, -17.2042, 11.4913

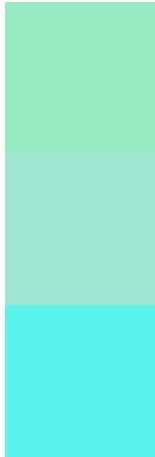
Deuteranopia

225.5250, -6.1748, 20.5876

Tritanopia

211.8100, 21.2927, -62.9774

Trichromacy



Protanomaly

204.9110, -5.3791, -48.1569

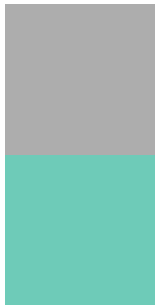
Deuteranomaly

206.1920, 1.8773, -42.2644

Tritanomaly

197.3300, 19.0643, -95.0054

Monochromacy



Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0270, 5.4097, -55.2747

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9410, 15.3121, -151.6693 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 204) }
```

Border

The CSS property to change the border of an element to YUV 172.9410, 15.3121, -151.6693 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, 204) }
```

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

```
.border{ border-color:rgb(0, 255, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 172.9410, 15.3121, -151.6693 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, 204) }
```

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

```
.background{ background-color: rgb(0, 255,  
204) }
```

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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