

Converting Colors

YUV(166.4210, 10.6384,
-145.9512)

Have a look what the booklet for
YUV(166.4210, 10.6384, -145.9512)
contains.

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Color

**YUV(166.4210, 10.6384,
-145.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	00F7BC
RGB	0, 247, 188
RGB Percent	0%, 97%, 74%
CMY	1.0000, 0.0314, 0.2627
CMYK	1.00, 0.00, 0.24, 0.03
HSL	166°, 100%, 48%
HSV	166°, 100%, 97%
XYZ	42.3379, 70.1524, 58.8863
YIQ	166.4210, -128.2730, -70.7130

Conversions

Conversions Part 2

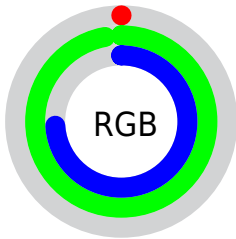
Format	Color
RYB	0, 140, 247
Decimal	63420
CIELab	87.07, -62.42, 14.76
CIELCh	87, 64.139, 166.694
Yxy	70.1524, 0.2470, 0.4093
Android (android.graphics.Color)	4278253500 (0xFF00F7BC)
YUV	166.4210, 10.6384, -145.9512
Hunter-Lab	83.7570, -56.3458, 16.9454

Details

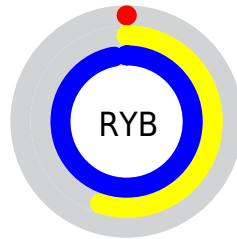
The YUV color **166.4210, 10.6384, -145.9512** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **80.5790, -10.6384, 145.9512**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5870, 15.9796, -85.5838**, and **126.3330, 4.2728, -110.7940** is the 20% darker color. If you saturate the color by 10%, you get **166.4210, 10.6384, -145.9512**, and if you desaturate by 10%, it is **174.5800, 9.5741, -131.1817**.

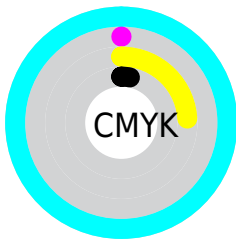
Distribution



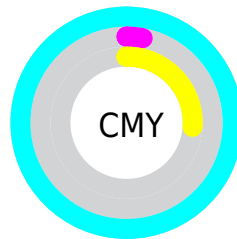
- Red (0%)
- Green (97%)
- Blue (74%)



- Red (0%)
- Yellow (55%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4210, 10.6384, -145.9512 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 166.4210, 10.6384, -145.9512 by changing the saturation by 10% instead.

166.4210, 10.6384,
-145.9512

166.4210, 10.6384,
-145.9512

255.0000, 0.0000,
0.0000

146.3200, 7.2372,
-128.3226

211.5870, 15.9796,
-85.5838

126.3330, 4.2728,
-110.7940

223.3060, 15.6251,
-65.1664

106.9330, 1.0190,
-93.7802

233.1730, 10.7607,
-44.8787

88.3480, -1.6506,
-77.4812

242.7410, 6.0437,
-25.2059

69.8770, -3.8834,
-61.2821

252.3090, 1.3267,
-5.5330

52.5800, -6.6949,
-46.1127

35.6250, -8.1961,

-31.2431

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 166.4210, 10.6384,
-145.9512

■ 174.5800, 9.5741,
-131.1817

■ 182.4400, 8.6571,
-117.0269

■ 190.5990, 7.5927,
-102.2573

■ 198.7580, 6.5283,
-87.4878

■ 206.9170, 5.4639,
-72.7182

■ 214.6630, 4.1101,
-58.4635

■ 222.8220, 3.0458,
-43.6939

■ 230.9810, 1.9814,
-28.9243

■ 238.8410, 1.0644,
-14.7696

Harmonies

Analogous

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



200.3760, -34.2024, -43.3028



166.4210, 10.6384, -145.9512



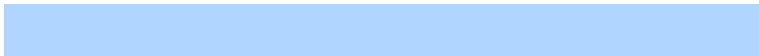
174.7770, 37.5779, -153.2794

Triad

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



166.4210, 10.6384, -145.9512



206.7250, 23.7996, -26.9458



198.7140, -32.8900, 49.3628

Complementary

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



166.4210, 10.6384, -145.9512



80.5790, -10.6384, 145.9512

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.



195.4780, -4.6727, 52.2008



166.4210, 10.6384, -145.9512



215.6710, 19.3892, 34.4915

Square

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



166.4210, 10.6384, -145.9512



165.2540, 44.2448, -144.9278



203.7200, 21.8300, 44.9726



207.6380, -54.5445, 41.5365

Rectangle

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



166.4210, 10.6384, -145.9512



174.0590, 39.9039, -152.6497



203.7200, 21.8300, 44.9726



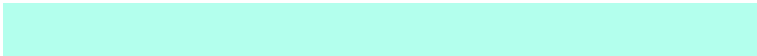
196.4290, -23.8755, 51.3668

Sweetspot

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



166.4210, 10.6384, -145.9512



230.2240, 3.3406, -44.9234



163.5270, -80.6188, -89.0392



112.9920, 1.9759, -27.1800



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.



166.4210, 10.6384, -145.9512



171.8010, 10.9441, -150.6695



136.7530, 54.3518, -119.9324



118.0700, 0.4585, -7.0774



125.3700, 8.1986, -109.9495



39.7630, 2.5818, -34.8722

Inverse Universe

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



80.5790, -10.6384, 145.9512



83.1990, -10.9441, 150.6695



110.2470, -54.3518, 119.9324



113.9300, -0.4585, 7.0774



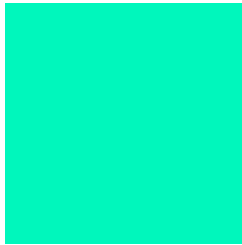
60.6300, -8.1986, 109.9495



19.2370, -2.5818, 34.8722

Previews

White Background



This preview shows how the YUV color 166.4210, 10.6384, -145.9512 looks on a white background.

Color Contrast Check

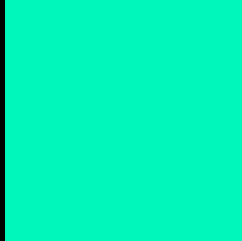
Large Text (above 18pt) WCAG AA × Fail

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 166.4210, 10.6384, -145.9512 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 166.4210, 10.6384, -145.9512 Background



This preview shows how black text looks on a background with the YUV color 166.4210, 10.6384, -145.9512.



This preview shows how white text looks on a background with the YUV color 166.4210, 10.6384, -145.9512.

Color Blindness Simulation

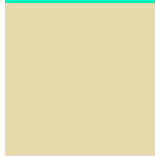
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



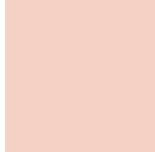
Original Color

166.4210, 10.6384, -145.9512



Protanopia

214.9850, -20.6986, 12.2912



Deuteranopia

217.5100, -10.1114, 23.2317



Tritanopia

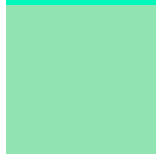
195.9960, 29.0890, -90.3275

Trichromacy



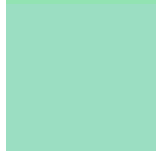
Original Color

166.4210, 10.6384, -145.9512



Protanomaly

197.1950, -9.4631, -44.8980



Deuteranomaly

198.7750, -2.3541, -38.3907



Tritanomaly

185.4420, 22.4601, -110.8896

Monochromacy



Original Color

166.4210, 10.6384, -145.9512



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.9950, 3.9465, -52.6156

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4210, 10.6384, -145.9512 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, 247, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 247, 188)  
}
```

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, 247, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 247, 188) }
```

Border

The CSS property to change the border of an element to YUV 166.4210, 10.6384, -145.9512 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, 247, 188) }
```


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

```
.border{ border-color:rgb(0, 247, 188) }
```

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

Here you see how a box with a 4 pixel rgb(0, 247, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 247, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 247, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 247,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 166.4210, 10.6384, -145.9512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 247, 188) }
```

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

```
.background{ background-color: rgb(0, 247,  
188) }
```

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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