

Converting Colors

YUV(166.5270, 3.1912,
-137.2742)

Have a look what the booklet for
YUV(166.5270, 3.1912, -137.2742)
contains.

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Color

**YUV(166.5270, 3.1912,
-137.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	0AF5AD
RGB	10, 245, 173
RGB Percent	4%, 96%, 68%
CMY	0.9608, 0.0392, 0.3216
CMYK	0.96, 0.00, 0.29, 0.04
HSL	162°, 92%, 50%
HSV	162°, 96%, 96%
XYZ	40.3204, 68.3865, 50.6100
YIQ	166.5270, -116.9480, -72.2120

Conversions

Conversions Part 2

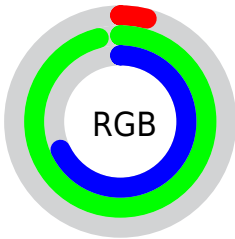
Format	Color
RYB	10, 149, 245
Decimal	718253
CIELab	86.20, -64.82, 21.28
CIELCh	86, 68.226, 161.825
Yxy	68.3865, 0.2531, 0.4292
Android (android.graphics.Color)	4278908333 (0xFF0AF5AD)
YUV	166.5270, 3.1912, -137.2742
Hunter-Lab	82.6961, -57.6864, 21.6018

Details

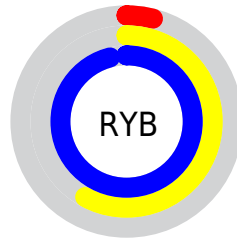
The YUV color **166.5270, 3.1912, -137.2742** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **88.4730, -3.1912, 137.2742**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1760, 9.2802, -83.4694**, and **123.4490, -1.7004, -108.2648** is the 20% darker color. If you saturate the color by 10%, you get **163.1950, 3.3549, -143.1220**, and if you desaturate by 10%, it is **174.6150, 3.1478, -123.3194**.

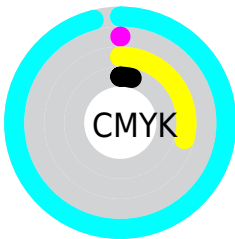
Distribution



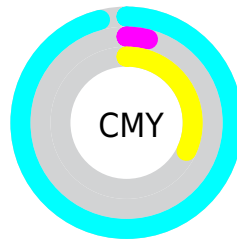
- Red (4%)
- Green (96%)
- Blue (68%)



- Red (4%)
- Yellow (58%)
- Blue (96%)



- Cyan (96%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (96%)
- Magenta (4%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5270, 3.1912, -137.2742 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 166.5270, 3.1912, -137.2742 by changing the saturation by 10% instead.

166.5270, 3.1912,
-137.2742

166.5270, 3.1912,
-137.2742

255.0000, 0.0000,
0.0000

143.4360, 1.2641,
-125.7934

210.1760, 9.2802,
-83.4694

123.4490, -1.7004,
-108.2648

223.3060, 15.6251,
-65.1664

104.1630, -4.5174,
-91.3510

232.8740, 10.9081,
-45.4935

85.5780, -7.1870,
-75.0519

242.4420, 6.1911,
-25.8206

67.1070, -9.4198,
-58.8528

252.0100, 1.4741,
-6.1478

49.9240, -11.7945,
-43.7833

33.1000, -15.3323,

-29.0287

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 166.5270, 3.1912,
-137.2742

■ 166.5270, 3.1912,
-137.2742

■ 163.1950, 3.3549,
-143.1220

■ 174.6150, 3.1478,
-123.3194

■ 182.8880, 2.5202,
-108.6498

■ 191.2750, 2.3294,
-94.0802

■ 199.2490, 1.8492,
-80.0254

■ 207.3370, 1.8059,
-66.0705

■ 215.6100, 1.1783,
-51.4010

■ 223.9970, 0.9875,
-36.8314

■ 231.9710, 0.5073,
-22.7766

■ 240.3580, 0.3165,
-8.2070

Harmonies

Analogous

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



198.2860, -41.0600, -37.0848



166.5270, 3.1912, -137.2742



172.9360, 33.0626, -151.6649

Triad

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



166.5270, 3.1912, -137.2742



198.3420, 27.9324, -45.9039



193.4310, -30.2855, 53.9960

Complementary

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



166.5270, 3.1912, -137.2742



88.4730, -3.1912, 137.2742

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.



191.4660, 0.2633, 55.7193



166.5270, 3.1912, -137.2742



215.0730, 19.6840, 33.2620

Square

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



166.5270, 3.1912, -137.2742



166.4280, 43.6660, -145.9574



202.1700, 26.0452, 46.3319



202.6170, -56.0132, 45.9399

Rectangle

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



166.5270, 3.1912, -137.2742



173.4720, 40.1933, -152.1349



202.1700, 26.0452, 46.3319



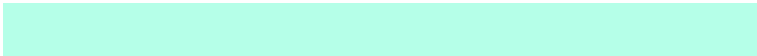
191.4880, -19.9606, 55.7000

Sweetspot

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



166.5270, 3.1912, -137.2742



230.2520, 0.8618, -43.1940



170.0710, -78.9150, -75.4843



112.9490, 0.5181, -26.2653



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

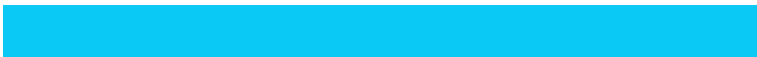
The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.5270, 3.1912, -137.2742



169.8630, 3.5185, -148.9699



149.4940, 47.0845, -122.3362



118.0700, 0.4585, -7.0774



123.8880, 2.5202, -108.6498



39.3070, 0.8346, -34.4722

Inverse Universe

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



88.4730, -3.1912, 137.2742



85.1370, -3.5185, 148.9699



105.5060, -47.0845, 122.3362



114.0440, -0.0217, 6.9774



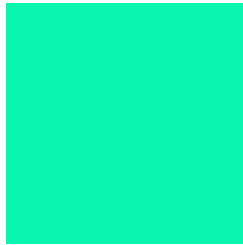
62.1120, -2.5202, 108.6498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 166.5270, 3.1912, -137.2742 looks on a white background.

Color Contrast Check

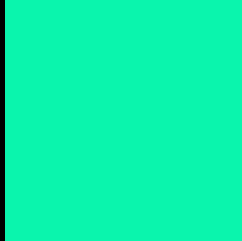
Large Text (above 18pt) WCAG AA × Fail

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 166.5270, 3.1912, -137.2742 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 166.5270, 3.1912, -137.2742 Background



This preview shows how black text looks on a background with the YUV color 166.5270, 3.1912, -137.2742.

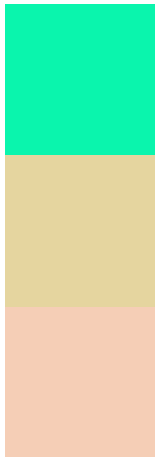


This preview shows how white text looks on a background with the YUV color 166.5270, 3.1912, -137.2742.

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

166.5270, 3.1912, -137.2742

Protanopia

211.6280, -25.9456, 15.2352

Deuteranopia

214.9250, -16.2320, 26.3758



Tritanopia

191.4190, 30.8524, -95.9605

Trichromacy



Original Color

166.5270, 3.1912, -137.2742



Protanomaly

195.3220, -15.4417, -40.6244



Deuteranomaly

197.3860, -9.0643, -32.7875



Tritanomaly

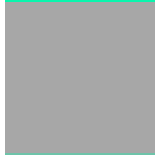
182.6870, 20.8603, -111.1045

Monochromacy



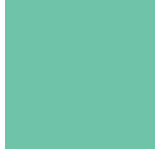
Original Color

166.5270, 3.1912, -137.2742



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.6210, 1.1728, -49.6566

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5270, 3.1912, -137.2742 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(10, 245, 173)` looks like.

```
.text, #text, p{  
    color:rgb(10, 245, 173)  
}
```

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(10, 245, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 245, 173) }
```

Border

The CSS property to change the border of an element to YUV 166.5270, 3.1912, -137.2742 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(10, 245, 173) }
```


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

```
.border{ border-color:rgb(10, 245, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 245, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 245, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 245, 173);  
box-shadow:4px 4px 4px 4px rgb(10, 245,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 166.5270, 3.1912, -137.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 245, 173) }
```

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

```
.background{ background-color: rgb(10, 245,  
173) }
```

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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