

Converting Colors

YUV(166.1010, -10.8958,
-145.6706)

Have a look what the booklet for
YUV(166.1010, -10.8958, -145.6706)
contains.

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Color

**YUV(166.1010, -10.8958,
-145.6706)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00FF90 |
| RGB | 0, 255, 144 |
| RGB Percent | 0%, 100%, 56% |
| CMY | 1.0000, 0.0000, 0.4353 |
| CMYK | 1.00, 0.00, 0.44, 0.00 |
| HSL | 154°, 100%, 50% |
| HSV | 154°, 100%, 100% |
| XYZ | 40.7940, 73.5336, 38.4289 |
| YIQ | 166.1010, -116.3490, -88.5810 |

Conversions

Conversions Part 2

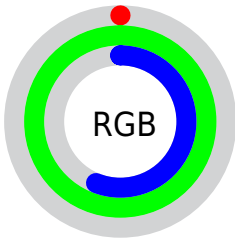
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 0, 163, 255 |
| Decimal | 65424 |
| CIELab | 88.70, -74.14, 39.18 |
| CIELCh | 89, 83.858, 152.146 |
| Yxy | 73.5336, 0.2671, 0.4814 |
| Android (android.graphics.Color) | 4278255504 (0xFF00FF90) |
| YUV | 166.1010, -10.8958, -145.6706 |
| Hunter-Lab | 85.7517, -65.1491, 33.4559 |

Details

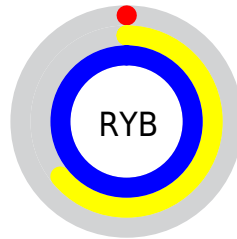
The YUV color **166.1010, -10.8958, -145.6706** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **88.8990, 10.8958, 145.6706**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7560, -3.8237, -80.4700**, and **126.1270, -16.8246, -110.6134** is the 20% darker color. If you saturate the color by 10%, you get **166.1010, -10.8958, -145.6706**, and if you desaturate by 10%, it is **174.8300, -9.7762, -131.4009**.

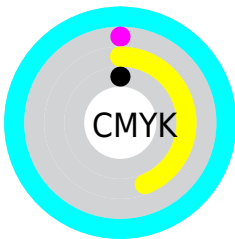
Distribution



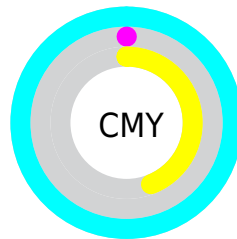
- Red (0%)
- Green (100%)
- Blue (56%)



- Red (0%)
- Yellow (64%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1010, -10.8958, -145.6706 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 166.1010, -10.8958, -145.6706 by changing the saturation by 10% instead.

■ 166.1010,
-10.8958, -145.6706

■ 166.1010,
-10.8958, -145.6706

■ 255.0000, 0.0000,
0.0000

■ 146.1140,
-13.8602, -128.1420

■ 206.7560, -3.8237,
-80.4700

■ 126.1270,
-16.8246, -110.6134

■ 220.4130, 3.2474,
-61.7522

■ 106.2540,
-19.3522, -93.1848

■ 233.4720, 10.6133,
-44.2639

■ 87.5550, -22.4586,
-76.7857

■ 243.3390, 5.7489,
-23.9763

■ 67.9270, -26.5860,
-59.5720

■ 252.9070, 1.0318,
-4.3034

■ 51.0690, -25.1770,
-44.7875

■ 36.3940, -17.9422,

-31.9175

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 166.1010,
-10.8958, -145.6706

■ 174.8300, -9.7762,
-131.4009

■ 183.8580, -8.8040,
-116.5165

■ 192.8860, -7.8318,
-101.6320

■ 201.6150, -6.7122,
-87.3624

■ 210.6430, -5.7400,
-72.4779

■ 219.4860, -4.1836,
-58.3082

■ 228.5140, -3.2114,
-43.4238

■ 237.2430, -2.0918,
-29.1541

■ 246.2710, -1.1196,
-14.2697

Harmonies

Analogous

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



203.2990, -64.2374, -23.0642



166.1010, -10.8958, -145.6706



175.4490, 24.9216, -153.8688

Triad

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



166.1010, -10.8958, -145.6706



164.0800, 44.8236, -143.8982



185.1790, -21.2872, 61.2330

Complementary

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



166.1010, -10.8958, -145.6706



88.8990, 10.8958, 145.6706

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.



186.4400, 16.5451, 60.1271



166.1010, -10.8958, -145.6706



214.6530, 19.8911, 13.4593

Square

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



166.1010, -10.8958, -145.6706



175.8200, 39.0357, -154.1941



201.5830, 26.3346, 46.8467



196.4390, -59.3764, 51.3580

Rectangle

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



166.1010, -10.8958, -145.6706



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



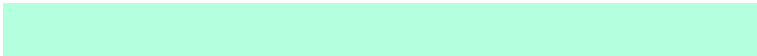
183.9200, -8.3416, 62.3372

Sweetspot

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



166.1010, -10.8958, -145.6706



228.5140, -3.2114, -43.4238



184.0700, -90.7465, -60.5744



111.9660, -1.9552, -26.2802



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.



166.1010, -10.8958, -145.6706



171.1240, 41.3509, -150.0757



123.4290, -0.7045, -7.3922



124.4290, -8.0995, -109.1242



41.6720, -2.7963, -36.5463

Inverse Universe

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



88.8990, 10.8958, 145.6706



83.8760, -41.3509, 150.0757



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 166.1010, -10.8958, -145.6706 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 166.1010, -10.8958, -145.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

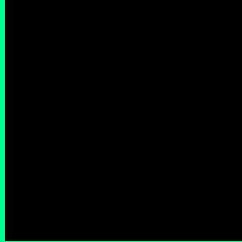
Any Text WCAG AA ✓ Pass

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 166.1010, -10.8958, -145.6706 Background



This preview shows how black text looks on a background with the YUV color 166.1010, -10.8958, -145.6706.



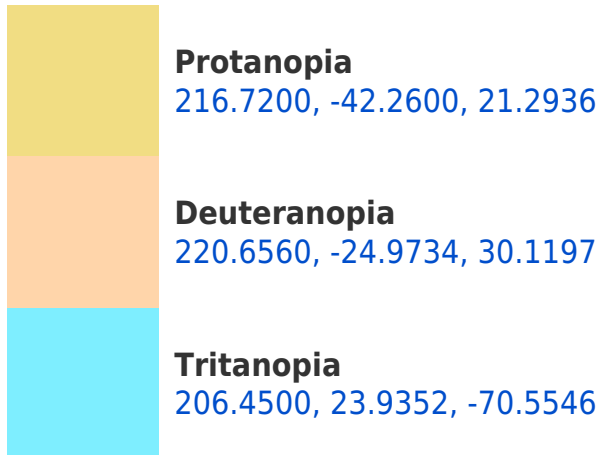
This preview shows how white text looks on a background with the YUV color 166.1010, -10.8958, -145.6706.

-145.6706.

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



Trichromacy



Protanomaly

198.0220, -30.5768, -39.4843

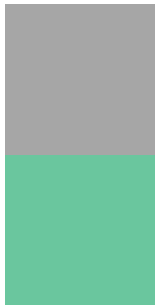
Deuteranomaly

200.6280, -19.5366, -33.8768

Tritanomaly

191.6580, 11.5076, -97.9241

Monochromacy



Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9320, -3.9105, -52.5604

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1010, -10.8958, -145.6706 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 144) }
```

Border

The CSS property to change the border of an element to YUV 166.1010, -10.8958, -145.6706 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, 144) }
```

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

```
.border{ border-color:rgb(0, 255, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 166.1010, -10.8958, -145.6706 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, 144) }
```

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

```
.background{ background-color: rgb(0, 255,  
144) }
```

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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