

Converting Colors

YUV(166.3600, 16.5845,
-139.7587)

Have a look what the booklet for
YUV(166.3600, 16.5845, -139.7587)
contains.

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Color

**YUV(166.3600, 16.5845,
-139.7587)**

Conversions

Conversions Part 1

Format	Color
Hex	07F1C8
RGB	7, 241, 200
RGB Percent	3%, 95%, 78%
CMY	0.9725, 0.0549, 0.2157
CMYK	0.97, 0.00, 0.17, 0.05
HSL	169°, 94%, 49%
HSV	169°, 97%, 95%
XYZ	41.9682, 67.1259, 65.3882
YIQ	166.3600, -126.3030, -62.3590

Conversions

Conversions Part 2

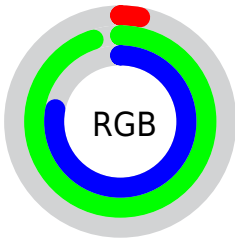
Format	Color
RYB	7, 135, 241
Decimal	520648
CIELab	85.57, -57.05, 6.38
CIELCh	86, 57.404, 173.619
Yxy	67.1259, 0.2405, 0.3847
Android (android.graphics.Color)	4278710728 (0xFF07F1C8)
YUV	166.3600, 16.5845, -139.7587
Hunter-Lab	81.9304, -51.9429, 10.0322

Details

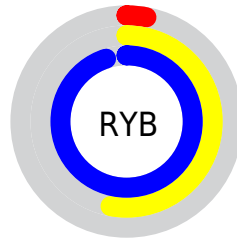
The YUV color **166.3600, 16.5845, -139.7587** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **81.6400, -16.5845, 139.7587**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **124.6520, 10.5246, -109.3198** is the 20% darker color. If you saturate the color by 10%, you get **164.1530, 17.1796, -143.9622**, and if you desaturate by 10%, it is **173.9920, 14.7939, -125.4040**.

Distribution



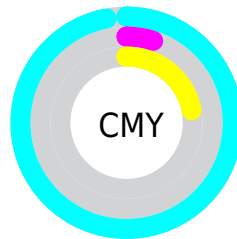
- Red (3%)
- Green (95%)
- Blue (78%)



- Red (3%)
- Yellow (53%)
- Blue (95%)



- Cyan (97%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (97%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3600, 16.5845, -139.7587 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 166.3600, 16.5845, -139.7587 by changing the saturation by 10% instead.

166.3600, 16.5845,
-139.7587

166.3600, 16.5845,
-139.7587

255.0000, 0.0000,
0.0000

144.1660, 14.2152,
-126.4336

213.1400, 20.6370,
-86.0688

124.6520, 10.5246,
-109.3198

223.3060, 15.6251,
-65.1664

105.2520, 7.2708,
-92.3060

233.1730, 10.7607,
-44.8787

86.6670, 4.6012,
-76.0070

242.7410, 6.0437,
-25.2059

68.6690, 1.6422,
-60.2227

252.3090, 1.3267,
-5.5330

50.8990, -0.4432,
-44.6384

34.4170, -2.6706,

-30.1837

■ 16.8920, -6.3558,
-14.8143

■ 0.0000, 0.0000,
0.0000

■ 166.3600, 16.5845,
-139.7587

■ 166.3600, 16.5845,
-139.7587

■ 164.1530, 17.1796,
-143.9622

■ 173.9920, 14.7939,
-125.4040

■ 181.6240, 13.0034,
-111.0492

■ 189.3700, 11.6496,
-96.7945

■ 197.0020, 9.8590,
-82.4398

■ 204.9330, 7.9210,
-67.4702

■ 212.5650, 6.1305,
-53.1155

■ 220.3110, 4.7767,
-38.8607

■ 227.9430, 2.9861,
-24.5060

■ 235.5750, 1.1955,
-10.1513

Harmonies

Analogous

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



196.2640, -24.2872, -50.2205



166.3600, 16.5845, -139.7587



170.5370, 41.6403, -149.5609

Triad

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



166.3600, 16.5845, -139.7587



208.6180, 22.8663, -7.5580



200.6060, -35.7948, 47.7035

Complementary

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



166.3600, 16.5845, -139.7587



81.6400, -16.5845, 139.7587

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.



196.9310, -11.7980, 50.9265



166.3600, 16.5845, -139.7587



212.7360, 20.8362, 37.0655

Square

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



166.3600, 16.5845, -139.7587



186.2830, 33.8775, -86.1942



202.0270, 12.8047, 46.4573



209.4960, -52.5025, 39.9070

Rectangle

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



166.3600, 16.5845, -139.7587



168.7760, 42.5084, -148.0166



202.0270, 12.8047, 46.4573



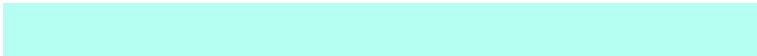
198.5660, -28.3800, 49.4926

Sweetspot

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



166.3600, 16.5845, -139.7587



231.3920, 5.2297, -44.1938



157.2150, -74.0560, -94.0276



113.6330, 3.1389, -26.8651



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.



166.3600, 16.5845, -139.7587



173.6250, 17.9329, -152.2691



127.5960, 55.9082, -105.7627



116.1840, 0.8953, -7.1774



125.2220, 12.7086, -109.8197



38.1160, 3.8868, -33.4277

Inverse Universe

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



81.6400, -16.5845, 139.7587



81.3750, -17.9329, 152.2691



120.4040, -55.9082, 105.7627



111.8160, -0.8953, 7.1774



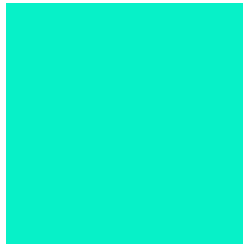
58.6640, -13.1454, 109.9197



17.8840, -3.8868, 33.4277

Previews

White Background



This preview shows how the YUV color 166.3600, 16.5845, -139.7587 looks on a white background.

Color Contrast Check

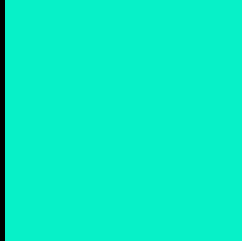
Large Text (above 18pt) WCAG AA × Fail

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 166.3600, 16.5845, -139.7587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

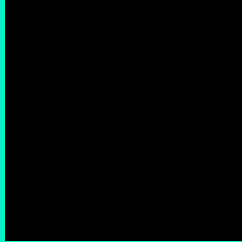
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

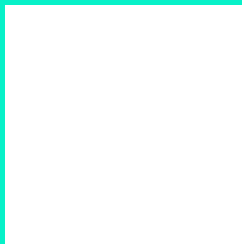
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.3600, 16.5845, -139.7587 Background



This preview shows how black text looks on a background with the YUV color 166.3600, 16.5845, -139.7587.



This preview shows how white text looks on a background with the YUV color 166.3600, 16.5845, -139.7587.

-139.7587.

Color Blindness Simulation

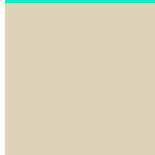
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



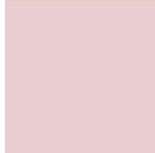
Original Color

166.3600, 16.5845, -139.7587



Protanopia

211.2110, -13.4150, 9.4620



Deuteranopia

214.0130, -2.9644, 17.5286



Tritanopia

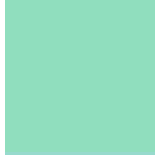
187.1300, 32.4739, -102.7230

Trichromacy



Original Color

166.3600, 16.5845, -139.7587



Protanomaly

195.0300, -2.4798, -44.7533



Deuteranomaly

196.4850, 4.1979, -39.8903



Tritanomaly

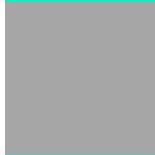
179.8480, 26.6969, -116.5077

Monochromacy



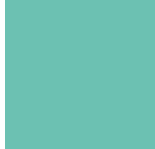
Original Color

166.3600, 16.5845, -139.7587



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.8750, 5.9776, -50.7564

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3600, 16.5845, -139.7587 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(7, 241, 200)` looks like.

```
.text, #text, p{  
    color:rgb(7, 241, 200)  
}
```

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(7, 241, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 241, 200) }
```

Border

The CSS property to change the border of an element to YUV 166.3600, 16.5845, -139.7587 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(7, 241, 200) }
```


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

```
.border{ border-color:rgb(7, 241, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 241, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 241, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 241, 200);  
box-shadow:4px 4px 4px 4px rgb(7, 241,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 166.3600, 16.5845, -139.7587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 241, 200) }
```

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

```
.background{ background-color: rgb(7, 241,  
200) }
```

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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