

Converting Colors

YUV(169.0100, 3.9391,
-143.8368)

Have a look what the booklet for
YUV(169.0100, 3.9391, -143.8368)
contains.

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Color

**YUV(169.0100, 3.9391,
-143.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	05FBB1
RGB	5, 251, 177
RGB Percent	2%, 98%, 69%
CMY	0.9804, 0.0157, 0.3059
CMYK	0.98, 0.00, 0.29, 0.02
HSL	162°, 97%, 50%
HSV	162°, 98%, 98%
XYZ	42.4956, 72.2010, 53.2914
YIQ	169.0100, -122.8620, -75.1660

Conversions

Conversions Part 2

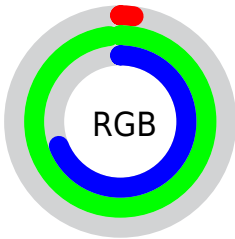
Format	Color
RYB	5, 150, 251
Decimal	392113
CIELab	88.07, -66.23, 21.81
CIELCh	88, 69.725, 161.773
Yxy	72.2010, 0.2530, 0.4298
Android (android.graphics.Color)	4278582193 (0xFF05FBB1)
YUV	169.0100, 3.9391, -143.8368
Hunter-Lab	84.9711, -59.4285, 22.2949

Details

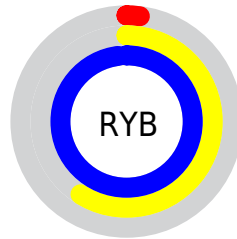
The YUV color **169.0100, 3.9391, -143.8368** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **86.9900, -3.9391, 143.8368**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6320, 11.0274, -83.8693**, and **127.4270, -1.6895, -111.7535** is the 20% darker color. If you saturate the color by 10%, you get **167.2870, 3.8025, -146.7107**, and if you desaturate by 10%, it is **177.3970, 3.7483, -129.2672**.

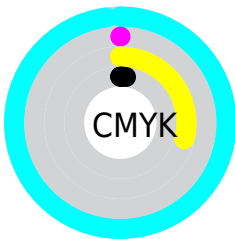
Distribution



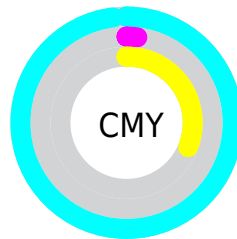
- Red (2%)
- Green (98%)
- Blue (69%)



- Red (2%)
- Yellow (59%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0100, 3.9391, -143.8368 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 169.0100, 3.9391, -143.8368 by changing the saturation by 10% instead.

169.0100, 3.9391,
-143.8368

169.0100, 3.9391,
-143.8368

255.0000, 0.0000,
0.0000

147.4140, 1.2749,
-129.2821

210.6320, 11.0274,
-83.8693

127.4270, -1.6895,
-111.7535

223.6050, 15.4777,
-64.5516

108.1410, -4.5065,
-94.8397

233.4720, 10.6133,
-44.2639

88.9690, -6.8867,
-78.0258

243.0400, 5.8963,
-24.5911

70.9710, -9.8457,
-62.2416

252.6080, 1.1793,
-4.9182

53.2010, -11.9311,
-46.6573

35.9040, -14.7427,

-31.4878

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 169.0100, 3.9391,
-143.8368

■ 169.0100, 3.9391,
-143.8368

■ 167.2870, 3.8025,
-146.7107

■ 177.3970, 3.7483,
-129.2672

■ 185.6700, 3.1207,
-114.5976

■ 194.0570, 2.9299,
-100.0280

■ 202.3300, 2.3023,
-85.3584

■ 211.0160, 1.9641,
-70.1740

■ 219.2890, 1.3365,
-55.5045

■ 227.6760, 1.1457,
-40.9349

■ 235.9490, 0.5181,
-26.2653

■ 244.3360, 0.3274,
-11.6957

Harmonies

Analogous

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



203.2320, -42.5124, -37.9145



169.0100, 3.9391, -143.8368



177.1420, 33.9470, -155.3535

Triad

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



169.0100, 3.9391, -143.8368



202.1740, 26.0432, -46.6336



196.1210, -30.1327, 51.6369

Complementary

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



169.0100, 3.9391, -143.8368



86.9900, -3.9391, 143.8368

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.



193.7970, 1.5791, 53.6750



169.0100, 3.9391, -143.8368



218.6060, 17.9422, 31.9175

Square

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



169.0100, 3.9391, -143.8368



169.3630, 42.2190, -148.5314



204.5180, 24.8876, 44.2727



205.7800, -56.5865, 43.1659

Rectangle

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



169.0100, 3.9391, -143.8368



176.9940, 38.4570, -155.2237



204.5180, 24.8876, 44.2727



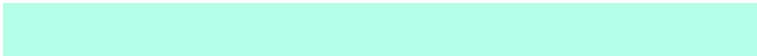
194.2920, -19.3710, 53.2409

Sweetspot

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



169.0100, 3.9391, -143.8368



230.3660, 1.2986, -43.2940



172.7240, -82.6879, -78.6879



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.



169.0100, 3.9391, -143.8368



169.9770, 3.9553, -149.0698



151.0310, 49.2847, -128.0692



120.6570, 0.1691, -7.5922



125.9910, 2.9624, -110.4941



40.7090, 1.1295, -35.7018

Inverse Universe

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



86.9900, -3.9391, 143.8368



85.0230, -3.9553, 149.0698



104.9690, -49.2847, 128.0692



116.3430, -0.1691, 7.5922



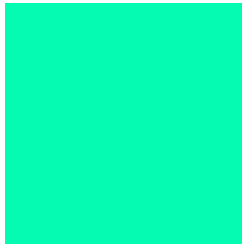
63.0090, -2.9624, 110.4941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 169.0100, 3.9391, -143.8368 looks on a white background.

Color Contrast Check

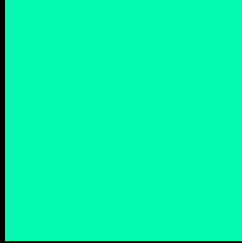
Large Text (above 18pt) WCAG AA × Fail

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 169.0100, 3.9391, -143.8368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

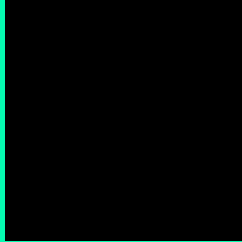
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.0100, 3.9391, -143.8368

Background



This preview shows how black text looks on a background with the YUV color 169.0100, 3.9391, -143.8368.



This preview shows how white text looks on a background with the YUV color 169.0100, 3.9391, -143.8368.

-143.8368.

Color Blindness Simulation

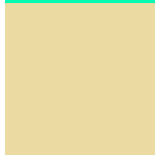
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



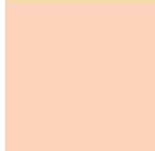
Original Color

169.0100, 3.9391, -143.8368



Protanopia

217.2860, -27.2560, 15.5352



Deuteranopia

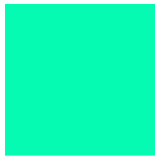
220.4090, -16.9636, 27.7053



Tritanopia

202.8620, 25.7040, -77.9320

Trichromacy



Original Color

169.0100, 3.9391, -143.8368



Protanomaly

199.7840, -16.1625, -42.7836



Deuteranomaly

201.9620, -9.3483, -35.0467



Tritanomaly

190.6450, 17.9230, -102.2977

Monochromacy



Original Color

169.0100, 3.9391, -143.8368



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0120, 1.4731, -52.6305

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0100, 3.9391, -143.8368 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(5, 251, 177)` looks like.

```
.text, #text, p{  
    color:rgb(5, 251, 177)  
}
```

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(5, 251, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 251, 177) }
```

Border

The CSS property to change the border of an element to YUV 169.0100, 3.9391, -143.8368 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(5, 251, 177) }
```


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

```
.border{ border-color:rgb(5, 251, 177) }
```

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

Here you see how a box with a 4 pixel rgb(5, 251, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 251, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 251, 177);  
box-shadow:4px 4px 4px 4px rgb(5, 251,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 169.0100, 3.9391, -143.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 251, 177) }
```

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

```
.background{ background-color: rgb(5, 251,  
177) }
```

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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