

Converting Colors

YUV(171.5620, 13.5269,
-139.0589)

Have a look what the booklet for
YUV(171.5620, 13.5269, -139.0589)
contains.

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Color

**YUV(171.5620, 13.5269,
-139.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	0DF7C7
RGB	13, 247, 199
RGB Percent	5%, 97%, 78%
CMY	0.9490, 0.0314, 0.2196
CMYK	0.95, 0.00, 0.19, 0.03
HSL	168°, 94%, 51%
HSV	168°, 95%, 97%
XYZ	43.7355, 70.7306, 65.3801
YIQ	171.5620, -124.0560, -64.5360

Conversions

Conversions Part 2

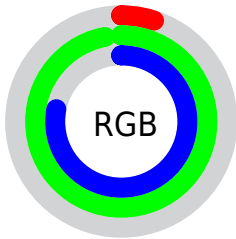
Format	Color
RYB	13, 143, 247
Decimal	915399
CIELab	87.35, -59.48, 9.47
CIELCh	87, 60.227, 170.957
Yxy	70.7306, 0.2432, 0.3933
Android (android.graphics.Color)	4279105479 (0xFF0DF7C7)
YUV	171.5620, 13.5269, -139.0589
Hunter-Lab	84.1015, -54.3517, 12.7793

Details

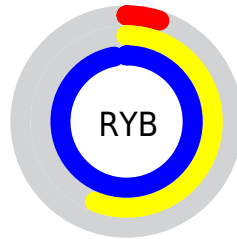
The YUV color **171.5620, 13.5269, -139.0589** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **88.4380, -13.5269, 139.0589**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **127.4730, 8.6408, -111.7938** is the 20% darker color. If you saturate the color by 10%, you get **167.3330, 14.1328, -146.7510**, and if you desaturate by 10%, it is **179.6070, 12.0257, -124.1893**.

Distribution



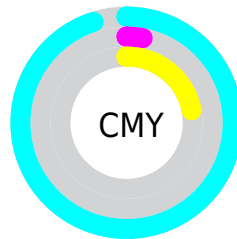
- Red (5%)
- Green (97%)
- Blue (78%)



- Red (5%)
- Yellow (56%)
- Blue (97%)



- Cyan (95%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (95%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5620, 13.5269, -139.0589 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 171.5620, 13.5269, -139.0589 by changing the saturation by 10% instead.

171.5620, 13.5269,
-139.0589

171.5620, 13.5269,
-139.0589

255.0000, 0.0000,
0.0000

147.5740, 12.0420,
-129.4224

213.7380, 20.3422,
-84.8392

127.4730, 8.6408,
-111.7938

223.9040, 15.3303,
-63.9368

108.0730, 5.3870,
-94.7800

233.7710, 10.4659,
-43.6492

89.4880, 2.7174,
-78.4810

243.3390, 5.7489,
-23.9763

71.4900, -0.2416,
-62.6967

252.9070, 1.0318,
-4.3034

53.7200, -2.3270,
-47.1124

36.6510, -4.2649,

-32.1429

■ 19.5990, -8.6763,
-17.1883

■ 0.0000, 0.0000,
0.0000

■ 171.5620, 13.5269,
-139.0589

■ 171.5620, 13.5269,
-139.0589

■ 167.3330, 14.1328,
-146.7510

■ 179.6070, 12.0257,
-124.1893

■ 187.3530, 10.6720,
-109.9346

■ 195.3980, 9.1708,
-95.0650

■ 203.4430, 7.6696,
-80.1955

■ 211.4880, 6.1684,
-65.3260

■ 219.2340, 4.8146,
-51.0712

■ 227.2790, 3.3135,
-36.2017

■ 235.4380, 2.2491,
-21.4321

■ 243.1840, 0.8953,
-7.1774

Harmonies

Analogous

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



200.9500, -28.0763, -48.1911



171.5620, 13.5269, -139.0589



174.6460, 39.6145, -153.1645

Triad

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



171.5620, 13.5269, -139.0589



211.2320, 21.5776, -14.2355



202.2360, -34.6263, 46.2740

Complementary

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



171.5620, 13.5269, -139.0589



88.4380, -13.5269, 139.0589

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.



198.4300, -8.5930, 49.6119



171.5620, 13.5269, -139.0589



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.



171.5620, 13.5269, -139.0589



181.7210, 36.1265, -107.6263



205.0420, 16.7413, 43.8132



211.2570, -53.3707, 38.3626

Rectangle

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



171.5620, 13.5269, -139.0589



172.8850, 40.4827, -151.6201



205.0420, 16.7413, 43.8132



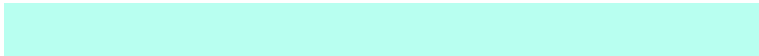
199.8370, -26.0486, 48.3780

Sweetspot

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



171.5620, 13.5269, -139.0589



232.0610, 3.9139, -42.1495



165.6070, -75.2353, -89.1093



113.8180, 2.5547, -26.1504



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.



171.5620, 13.5269, -139.0589



172.8270, 14.8753, -151.5693



138.2920, 53.5930, -109.8811



118.1840, 0.8953, -7.1774



126.0540, 10.8194, -110.5494



39.9910, 3.4554, -35.0721

Inverse Universe

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



88.4380, -13.5269, 139.0589



82.1730, -14.8753, 151.5693



121.7080, -53.5930, 109.8811



113.9300, -0.4585, 7.0774



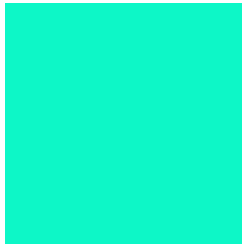
59.9460, -10.8194, 110.5494



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 171.5620, 13.5269, -139.0589 looks on a white background.

Color Contrast Check

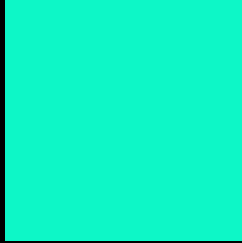
Large Text (above 18pt) WCAG AA × Fail

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 171.5620, 13.5269, -139.0589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

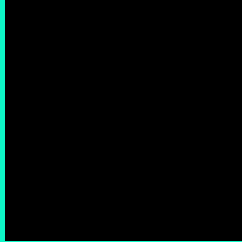
Any Text WCAG AA ✓ Pass

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 171.5620, 13.5269, -139.0589 Background



This preview shows how black text looks on a background with the YUV color 171.5620, 13.5269, -139.0589.



This preview shows how white text looks on a background with the YUV color 171.5620, 13.5269, -139.0589.

-139.0589.

Color Blindness Simulation

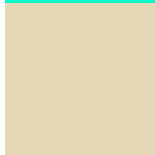
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



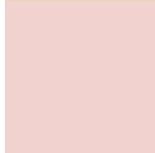
Original Color

171.5620, 13.5269, -139.0589



Protanopia

215.8260, -16.1832, 10.6766



Deuteranopia

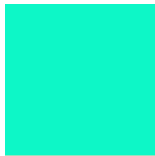
218.9270, -5.8800, 19.3580



Tritanopia

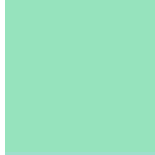
197.4910, 28.3519, -87.2536

Trichromacy



Original Color

171.5620, 13.5269, -139.0589



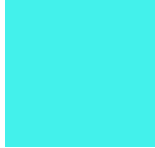
Protanomaly

199.6450, -5.2480, -43.5387



Deuteranomaly

201.3990, 1.2823, -38.0609



Tritanomaly

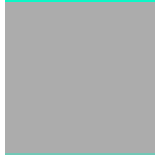
188.2900, 23.0280, -106.3713

Monochromacy



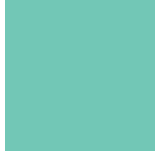
Original Color

171.5620, 13.5269, -139.0589



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.6470, 5.1040, -50.5564

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5620, 13.5269, -139.0589 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(13, 247, 199)` looks like.

```
.text, #text, p{  
    color:rgb(13, 247, 199)  
}
```

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(13, 247, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 247, 199) }
```

Border

The CSS property to change the border of an element to YUV 171.5620, 13.5269, -139.0589 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(13, 247, 199) }
```


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

```
.border{ border-color:rgb(13, 247, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 247, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 247, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 247, 199);  
box-shadow:4px 4px 4px 4px rgb(13, 247,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 171.5620, 13.5269, -139.0589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 247, 199) }
```

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

```
.background{ background-color: rgb(13, 247,  
199) }
```

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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