

Converting Colors

YUV(169.7730, 3.5629,
-116.4419)

Have a look what the booklet for
YUV(169.7730, 3.5629, -116.4419)
contains.

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Color

**YUV(169.7730, 3.5629,
-116.4419)**

Conversions

Conversions Part 1

Format	Color
Hex	25ECB1
RGB	37, 236, 177
RGB Percent	15%, 93%, 69%
CMY	0.8549, 0.0745, 0.3059
CMYK	0.84, 0.00, 0.25, 0.07
HSL	162°, 84%, 54%
HSV	162°, 84%, 93%
XYZ	38.6942, 63.5585, 51.8236
YIQ	169.7730, -99.6650, -60.5370

Conversions

Conversions Part 2

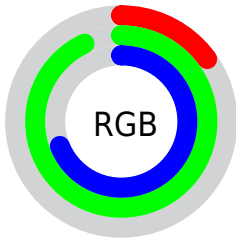
Format	Color
RYB	37, 154, 236
Decimal	2485425
CIELab	83.74, -59.32, 15.80
CIELCh	84, 61.391, 165.082
Yxy	63.5585, 0.2511, 0.4125
Android (android.graphics.Color)	4280675505 (0xFF25ECB1)
YUV	169.7730, 3.5629, -116.4419
Hunter-Lab	79.7236, -52.8805, 17.2656

Details

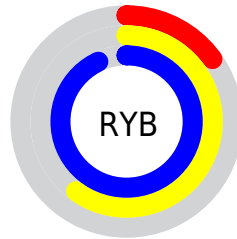
The YUV color **169.7730, 3.5629, -116.4419** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **103.2270, -3.5629, 116.4419**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1270, 10.2904, -80.7954**, and **119.2090, 2.3620, -104.5463** is the 20% darker color. If you saturate the color by 10%, you get **161.7990, 4.0431, -130.4967**, and if you desaturate by 10%, it is **177.7470, 3.0827, -102.3871**.

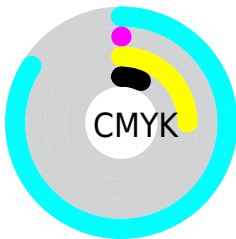
Distribution



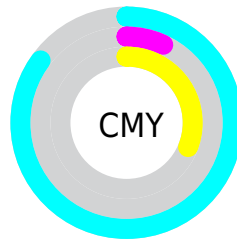
- Red (15%)
- Green (93%)
- Blue (69%)



- Red (15%)
- Yellow (60%)
- Blue (93%)



- Cyan (84%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)




- Cyan (85%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7730, 3.5629, -116.4419 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 169.7730, 3.5629, -116.4419 by changing the saturation by 10% instead.


 169.7730, 3.5629,
-116.4419

 169.7730, 3.5629,
-116.4419


255.0000, 0.0000,
0.0000


 138.6090, 5.6158,
-121.5601


 212.1270, 10.2904,
-80.7954

 119.2090, 2.3620,
-104.5463


 224.5020, 15.0355,
-62.7073


 99.9230, -0.4550,
-87.6325


 234.0700, 10.3185,
-43.0344

 81.3380, -3.1246,
-71.3334

 243.3390, 5.7489,
-23.9763

 63.4540, -5.6468,
-55.6492

 252.9070, 1.0318,
-4.3034

 46.3850, -7.5848,
-40.6796

 30.2620, -10.9752,

-26.5398

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 169.7730, 3.5629,
-116.4419

■ 169.7730, 3.5629,
-116.4419

■ 161.7990, 4.0431,
-130.4967

■ 177.7470, 3.0827,
-102.3871

■ 157.4560, 4.2122,
-138.0889

■ 185.4220, 2.7500,
-88.9471

■ 193.3960, 2.2698,
-74.8923

■ 201.0710, 1.9370,
-61.4523

 209.0450, 1.4568,
-47.3975

 217.0190, 0.9766,
-33.3427

 224.6940, 0.6439,
-19.9026

 232.6680, 0.1637,
-5.8478

 240.3430, -0.1691,
7.5922

Harmonies

Analogous

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



192.5230, -33.7818, -38.1697



169.7730, 3.5629, -116.4419



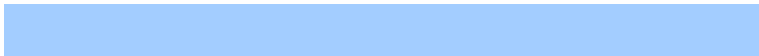
166.7240, 34.6461, -146.2169

Triad

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



169.7730, 3.5629, -116.4419



198.1420, 28.0310, -30.8195



193.0890, -31.5959, 54.2959

Complementary

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



169.7730, 3.5629, -116.4419



103.2270, -3.5629, 116.4419

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.



190.9130, -4.3941, 56.2043



169.7730, 3.5629, -116.4419



210.6540, 21.8626, 34.5064

Square

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



169.7730, 3.5629, -116.4419



159.9710, 46.8493, -140.2946



199.2860, 20.0720, 48.8612



201.5400, -52.5242, 46.8844

Rectangle

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



169.7730, 3.5629, -116.4419



167.6020, 43.0872, -146.9870



199.2860, 20.0720, 48.8612



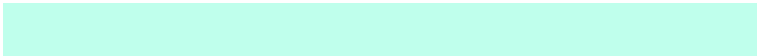
191.3910, -22.8708, 55.7851

Sweetspot

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



169.7730, 3.5629, -116.4419



233.6980, 1.1349, -37.4461



171.7530, -66.4332, -65.5584



114.9710, 0.5073, -22.7766



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.



169.7730, 3.5629, -116.4419



170.0910, 4.3921, -149.1698



153.0190, 40.9096, -101.7487



113.3690, 0.3111, -6.4626



120.7250, 3.0936, -105.8758



36.0300, 0.9712, -31.5983

Inverse Universe

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



103.2270, -3.5629, 116.4419



84.9090, -4.3921, 149.1698



119.9810, -40.9096, 101.7487



109.6310, -0.3111, 6.4626



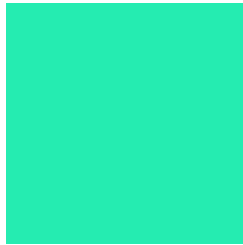
60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 169.7730, 3.5629, -116.4419 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 169.7730, 3.5629, -116.4419 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

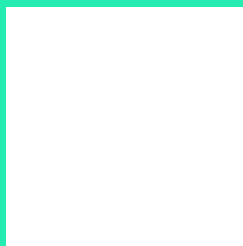
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.7730, 3.5629, -116.4419

Background



This preview shows how black text looks on a background with the YUV color 169.7730, 3.5629, -116.4419.



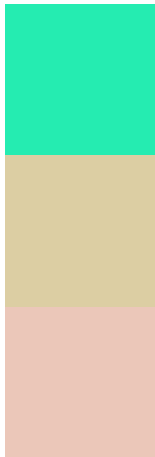
This preview shows how white text looks on a background with the YUV color 169.7730, 3.5629, -116.4419.

-116.4419.

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

169.7730, 3.5629, -116.4419

Protanopia

205.2840, -20.8460, 12.9059

Deuteranopia

208.1680, -11.4218, 23.5317



Tritanopia

185.6970, 29.2364, -90.9423

Trichromacy



Original Color

169.7730, 3.5629, -116.4419



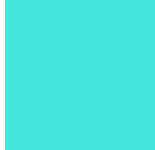
Protanomaly

192.2780, -11.9691, -34.4468



Deuteranomaly

193.9290, -5.8810, -27.1247



Tritanomaly

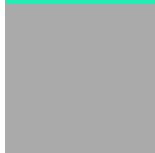
179.8240, 19.8068, -99.8236

Monochromacy



Original Color

169.7730, 3.5629, -116.4419



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0780, 1.4405, -42.1644

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7730, 3.5629, -116.4419 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(37, 236, 177)` looks like.

```
.text, #text, p{  
    color:rgb(37, 236, 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(37, 236, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 236, 177) }
```

Border

The CSS property to change the border of an element to YUV 169.7730, 3.5629, -116.4419 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(37, 236, 177) }
```


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

```
.border{ border-color:rgb(37, 236, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 236, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 236, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 236, 177);  
box-shadow:4px 4px 4px 4px rgb(37, 236,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 169.7730, 3.5629, -116.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 236, 177) }
```

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

```
.background{ background-color: rgb(37, 236,  
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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