

Converting Colors

YUV(179.7730, -13.1991,
-106.7949)

Have a look what the booklet for
YUV(179.7730, -13.1991, -106.7949)
contains.

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Color

**YUV(179.7730, -13.1991,
-106.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	3AF799
RGB	58, 247, 153
RGB Percent	23%, 97%, 60%
CMY	0.7725, 0.0314, 0.4000
CMYK	0.77, 0.00, 0.38, 0.03
HSL	150°, 92%, 60%
HSV	150°, 77%, 97%
XYZ	40.7555, 69.7210, 41.4465
YIQ	179.7730, -82.4700, -69.3020

Conversions

Conversions Part 2

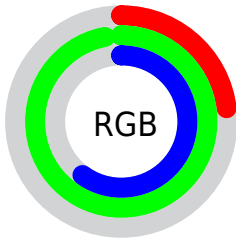
Format	Color
R _Y B	58, 184, 247
Decimal	3864473
CIE Lab	86.86, -66.32, 32.40
CIE LCh	87, 73.813, 153.964
Yxy	69.7210, 0.2683, 0.4589
Android (android.graphics.Color)	4282054553 (0xFF3AF799)
YUV	179.7730, -13.1991, -106.7949
Hunter-Lab	83.4991, -58.9985, 29.0196

Details

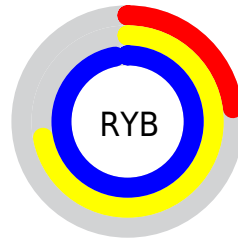
The YUV color **179.7730, -13.1991, -106.7949** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **125.2270, 13.1991, 106.7949**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8650, -2.3984, -70.9186**, and **122.4570, -10.5783, -107.3948** is the 20% darker color. If you saturate the color by 10%, you get **170.9300, -14.7555, -120.9646**, and if you desaturate by 10%, it is **188.6160, -11.6427, -92.6252**.

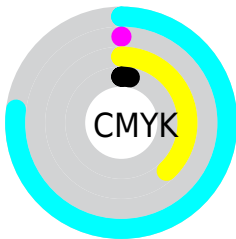
Distribution



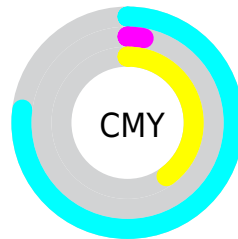
- Red (23%)
- Green (97%)
- Blue (60%)



- Red (23%)
- Yellow (72%)
- Blue (97%)



- Cyan (77%)
- Magenta (0%)
- Yellow (38%)
- Black (3%)



- Cyan (77%)
- Magenta (3%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.7730, -13.1991, -106.7949 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 179.7730, -13.1991, -106.7949 by changing the saturation by 10% instead.

■ 179.7730,
-13.1991, -106.7949

■ 179.7730,
-13.1991, -106.7949

■ 255.0000, 0.0000,
0.0000

■ 142.4440, -7.6139,
-124.9234

■ 212.8650, -2.3984,
-70.9186

■ 122.4570,
-10.5783, -107.3948

■ 225.7390, 5.5517,
-54.1451

■ 103.1710,
-13.3953, -90.4810

■ 237.3590, 8.6970,
-36.2718

■ 84.5860, -16.0649,
-74.1819

■ 246.6280, 4.1274,
-17.2138

■ 66.0010, -18.7345,
-57.8829

■ 47.7750, -22.5671,
-41.8987

■ 33.4590, -16.4953,

-29.3435

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 179.7730,
-13.1991, -106.7949

■ 179.7730,
-13.1991, -106.7949

■ 170.9300,
-14.7555, -120.9646

■ 188.6160,
-11.6427, -92.6252

■ 162.2720,
-16.8961, -134.4195


■ 197.2740, -9.5021,
-79.1703

■ 159.1250,
-17.3166, -139.5526

■ 206.1170, -7.9457,
-65.0006

■ 214.9600, -6.3893,
-50.8309

 223.8030, -4.8329,
-36.6612

 232.4610, -2.6923,
-23.2063

 241.3040, -1.1359,
-9.0366

 249.8480, 0.5679,
4.5183

 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



201.1600, -53.3229, -23.8193



179.7730, -13.1991, -106.7949



173.5740, 25.3530, -152.2244

Triad

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



179.7730, -13.1991, -106.7949



183.0050, 35.4935, -91.2124



189.4020, -22.8762, 57.5294

Complementary

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



179.7730, -13.1991, -106.7949



125.2270, 13.1991, 106.7949

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.



190.1100, 10.2988, 56.9085



179.7730, -13.1991, -106.7949



213.2020, 20.6064, 17.3628

Square

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



179.7730, -13.1991, -106.7949



170.5370, 41.6403, -149.5609



203.3440, 25.4664, 45.3023



198.5080, -53.9874, 49.5435

Rectangle

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



179.7730, -13.1991, -106.7949



176.4070, 38.7463, -154.7089



203.3440, 25.4664, 45.3023



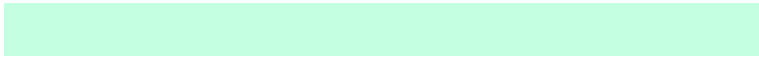
187.8010, -11.2409, 58.9335

Sweetspot

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



179.7730, -13.1991, -106.7949



234.0530, -3.9701, -33.3725



197.3480, -68.6986, -38.8932



115.1840, -2.5557, -20.3324



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.



179.7730, -13.1991, -106.7949



171.3970, -16.4647, -132.7752



190.4890, 27.8599, -116.1929



117.7280, -0.8519, -6.7775



119.8980, -12.7677, -105.1505



37.9390, -4.4069, -33.2725

Inverse Universe

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



125.2270, 13.1991, 106.7949



103.6030, 16.4647, 132.7752



114.5110, -27.8599, 116.1929



114.2720, 0.8519, 6.7775



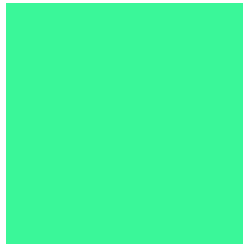
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 179.7730, -13.1991, -106.7949 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 179.7730, -13.1991, -106.7949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

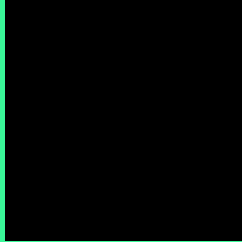
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

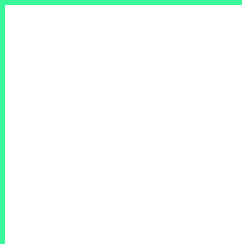
Any Text WCAG AAA ✓ Pass

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

YUV 179.7730, -13.1991, -106.7949 Background



This preview shows how black text looks on a background with the YUV color 179.7730, -13.1991, -106.7949.



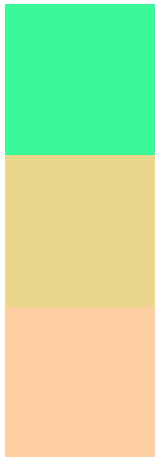
This preview shows how white text looks on a background with the YUV color 179.7730, -13.1991, -106.7949.

-106.7949.

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

179.7730, -13.1991, -106.7949

Protanopia

212.1310, -35.5606, 19.1791

Deuteranopia

215.9230, -26.5840, 33.3935



Tritanopia

197.6980, 27.7569, -83.0501

Trichromacy



Original Color

179.7730, -13.1991, -106.7949



Protanomaly

200.6090, -27.4152, -26.8441



Deuteranomaly

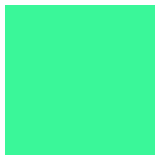
203.1570, -21.7694, -17.6777



Tritanomaly

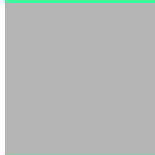
191.0440, 12.7963, -91.2466

Monochromacy



Original Color

179.7730, -13.1991, -106.7949



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.7920, -4.8275, -38.4056

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7730, -13.1991, -106.7949 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(58, 247, 153)` looks like.

```
.text, #text, p{  
    color:rgb(58, 247, 153)  
}
```

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(58, 247, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 247, 153) }
```

Border

The CSS property to change the border of an element to YUV 179.7730, -13.1991, -106.7949 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(58, 247, 153) }
```


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

```
.border{ border-color:rgb(58, 247, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 247, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 247, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 247, 153);  
box-shadow:4px 4px 4px 4px rgb(58, 247,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 179.7730, -13.1991, -106.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 247, 153) }
```

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

```
.background{ background-color: rgb(58, 247,  
153) }
```

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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