

Converting Colors

YUV(183.3330, 0.8218,
-123.9490)

Have a look what the booklet for
YUV(183.3330, 0.8218, -123.9490)
contains.

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Color

**YUV(183.3330, 0.8218,
-123.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	2AFFB9
RGB	42, 255, 185
RGB Percent	16%, 100%, 73%
CMY	0.8353, 0.0000, 0.2745
CMYK	0.84, 0.00, 0.27, 0.00
HSL	160°, 100%, 58%
HSV	160°, 84%, 100%
XYZ	45.4718, 75.5150, 58.0782
YIQ	183.3330, -104.4780, -66.9260

Conversions

Conversions Part 2

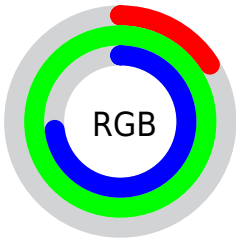
Format	Color
RYB	42, 169, 255
Decimal	2817977
CIELab	89.63, -64.26, 19.93
CIELCh	90, 67.282, 162.771
Yxy	75.5150, 0.2539, 0.4217
Android (android.graphics.Color)	4281008057 (0xFF2AFFB9)
YUV	183.3330, 0.8218, -123.9490
Hunter-Lab	86.8994, -58.6703, 21.2038

Details

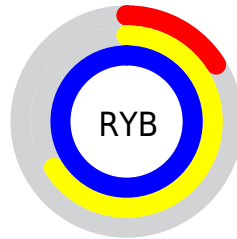
The YUV color **183.3330, 0.8218, -123.9490** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **113.6670, -0.8218, 123.9490**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8330, 12.9003, -77.9065**, and **130.6870, 0.6473, -114.6125** is the 20% darker color. If you saturate the color by 10%, you get **174.6470, 1.1600, -139.1334**, and if you desaturate by 10%, it is **191.7200, 0.6310, -109.3794**.

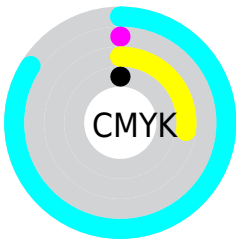
Distribution



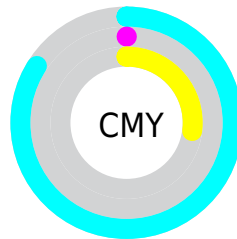
- Red (16%)
- Green (100%)
- Blue (73%)



- Red (16%)
- Yellow (66%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.3330, 0.8218, -123.9490 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 183.3330, 0.8218, -123.9490 by changing the saturation by 10% instead.

183.3330, 0.8218,
-123.9490

183.3330, 0.8218,
-123.9490

255.0000, 0.0000,
0.0000

150.6740, 3.6117,
-132.1411

214.8330, 12.9003,
-77.9065

130.6870, 0.6473,
-114.6125

226.5950, 14.0037,
-58.4038

111.2870, -2.6065,
-97.5987

236.1630, 9.2866,
-38.7310

92.1150, -4.9867,
-80.7849

245.7310, 4.5696,
-19.0581

73.5300, -7.6563,
-64.4858

55.7600, -9.7417,
-48.9015

38.6910, -11.6797,

-33.9320

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 183.3330, 0.8218,
-123.9490

■ 183.3330, 0.8218,
-123.9490

■ 174.6470, 1.1600,
-139.1334

■ 191.7200, 0.6310,
-109.3794

■ 169.1790, 0.8978,
-148.3700

■ 200.5200, 0.7296,
-94.2950

■ 209.2060, 0.3914,
-79.1107

■ 217.7070, 0.6374,
-64.6410

■ 226.3930, 0.2993,
-49.4567

■ 234.7800, 0.1085,
-34.8871

■ 243.5800, 0.2071,
-19.8027

■ 251.9670, 0.0163,
-5.2331

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



208.2150, -40.0390, -37.8996



183.3330, 0.8218, -123.9490



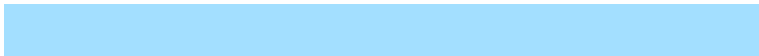
178.4130, 36.2784, -156.4682

Triad

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



183.3330, 0.8218, -123.9490



208.7080, 22.8220, -40.0859



200.9140, -29.5376, 47.4334

Complementary

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



183.3330, 0.8218, -123.9490



113.6670, -0.8218, 123.9490

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.



198.8350, 0.5743, 49.2567



183.3330, 0.8218, -123.9490



220.9540, 16.7847, 29.8583

Square

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



183.3330, 0.8218, -123.9490



171.7110, 41.0615, -150.5905



208.0400, 23.1513, 41.1839



210.3280, -54.3917, 39.1773

Rectangle

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



183.3330, 0.8218, -123.9490



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839



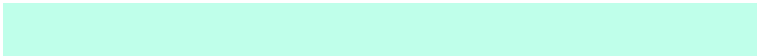
198.8570, -19.6495, 49.2374

Sweetspot

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



183.3330, 0.8218, -123.9490



233.4700, 0.2613, -37.2462



188.2600, -72.1062, -66.0030



114.8570, 0.0705, -22.6766



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.



183.3330, 0.8218, -123.9490



169.1790, 0.8978, -148.3700



170.1810, 41.8158, -112.4147



123.5430, -0.2677, -7.4922



126.7090, 0.6365, -111.1238



42.4700, 0.2613, -37.2462

Inverse Universe

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



113.6670, -0.8218, 123.9490



85.8210, -0.8978, 148.3700



126.2320, -41.5264, 112.9295



119.3430, -0.1691, 7.5922



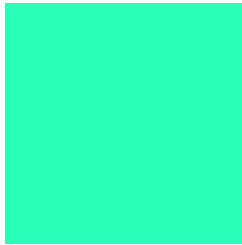
64.2910, -0.6365, 111.1238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 183.3330, 0.8218, -123.9490 looks on a white background.

Color Contrast Check

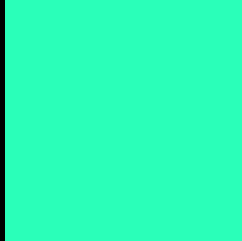
Large Text (above 18pt) WCAG AA × Fail

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 183.3330, 0.8218, -123.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

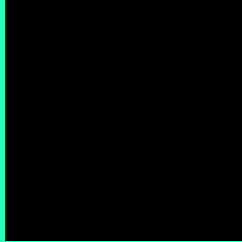
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.3330, 0.8218, -123.9490

Background



This preview shows how black text looks on a background with the YUV color 183.3330, 0.8218, -123.9490.



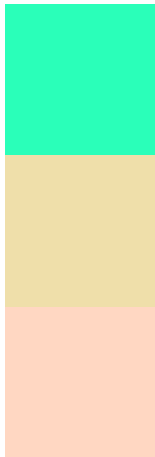
This preview shows how white text looks on a background with the YUV color 183.3330, 0.8218, -123.9490.

-123.9490.

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

183.3330, 0.8218, -123.9490

Protanopia

221.7420, -25.5088, 15.1353

Deuteranopia

224.5660, -15.0690, 26.6906



Tritanopia

211.5110, 21.4401, -63.5921

Trichromacy



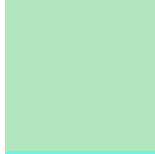
Original Color

183.3330, 0.8218, -123.9490



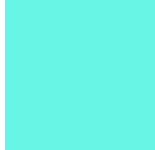
Protanomaly

207.8280, -16.1842, -35.8062



Deuteranomaly

210.0060, -9.3700, -28.0693



Tritanomaly

201.1310, 14.2324, -85.1839

Monochromacy



Original Color

183.3330, 0.8218, -123.9490



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.1270, 0.4304, -44.8384

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.3330, 0.8218, -123.9490 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(42, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(42, 255, 185)  
}
```

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(42, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 255, 185) }
```

Border

The CSS property to change the border of an element to YUV 183.3330, 0.8218, -123.9490 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(42, 255, 185) }
```


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

```
.border{ border-color:rgb(42, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(42, 255,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 183.3330, 0.8218, -123.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 255, 185) }
```

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

```
.background{ background-color: rgb(42, 255,  
185) }
```

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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