

Converting Colors

YUV(190.9830, -4.9216,
-101.7171)

Have a look what the booklet for
YUV(190.9830, -4.9216, -101.7171)
contains.

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Color

**YUV(190.9830, -4.9216,
-101.7171)**

Conversions

Conversions Part 1

Format	Color
Hex	4BFCB5
RGB	75, 252, 181
RGB Percent	29%, 99%, 71%
CMY	0.7059, 0.0118, 0.2902
CMYK	0.70, 0.00, 0.28, 0.01
HSL	156°, 97%, 64%
HSV	156°, 70%, 99%
XYZ	46.0525, 74.4529, 55.6597
YIQ	190.9830, -82.7010, -59.6050

Conversions

Conversions Part 2

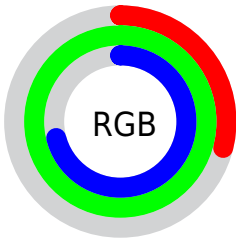
Format	Color
RYB	75, 186, 252
Decimal	4979893
CIELab	89.14, -60.46, 21.35
CIELCh	89, 64.120, 160.547
Yxy	74.4529, 0.2614, 0.4226
Android (android.graphics.Color)	4283169973 (0xFF4BFCB5)
YUV	190.9830, -4.9216, -101.7171
Hunter-Lab	86.2861, -55.7317, 22.1546

Details

The YUV color **190.9830, -4.9216, -101.7171** 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 **136.0170, 4.9216, 101.7171**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7590, 8.4998, -66.4406**, and **128.4700, -0.2317, -112.6682** is the 20% darker color. If you saturate the color by 10%, you get **182.3680, -5.6044, -116.0867**, and if you desaturate by 10%, it is **199.5980, -4.2388, -87.3474**.

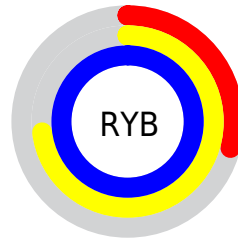
Distribution



Red (29%)

Green (99%)

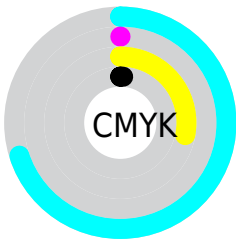
Blue (71%)



Red (29%)

Yellow (73%)

Blue (99%)

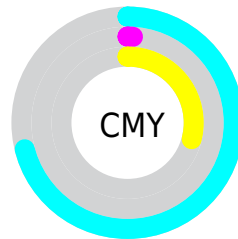


Cyan (70%)

Magenta (0%)

Yellow (28%)

Black (1%)



Cyan (71%)

Magenta (1%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.9830, -4.9216, -101.7171 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 190.9830, -4.9216, -101.7171 by changing the saturation by 10% instead.

190.9830, -4.9216,
-101.7171

190.9830, -4.9216,
-101.7171

255.0000, 0.0000,
0.0000

155.0350, -0.5103,
-116.6717

219.7590, 8.4998,
-66.4406

128.4700, -0.2317,
-112.6682

231.3790, 11.6452,
-48.5674

109.1840, -3.0487,
-95.7544

240.6480, 7.0755,
-29.5093

90.4850, -6.1551,
-79.3553

249.9170, 2.5059,
-10.4512

72.0140, -8.3879,
-63.1563

54.2440, -10.4733,
-47.5720

37.0610, -12.8481,

-32.5025

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 190.9830, -4.9216,
-101.7171

■ 190.9830, -4.9216,
-101.7171

■ 182.3680, -5.6044,
-116.0867

■ 199.5980, -4.2388,
-87.3474


■ 173.7530, -6.2872,
-130.4564

■ 208.2130, -3.5560,
-72.9778


■ 165.1380, -6.9700,
-144.8260

■ 217.1270, -3.0206,
-57.9934

■ 225.7420, -2.3378,
-43.6237

 234.4710, -1.2182,
-29.3541

 243.0860, -0.5354,
-14.9844

 251.7010, 0.1474,
-0.6148

 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



208.5470, -40.2027, -32.0517



190.9830, -4.9216, -101.7171



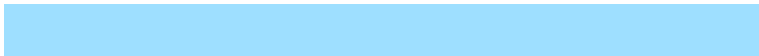
177.5010, 32.7840, -155.6684

Triad

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



190.9830, -4.9216, -101.7171



207.2130, 23.5590, -43.1598



201.0110, -26.6274, 47.3484

Complementary

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



190.9830, -4.9216, -101.7171



136.0170, 4.9216, 101.7171

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.



200.5790, 2.1796, 47.7272



190.9830, -4.9216, -101.7171



222.1280, 16.2059, 28.8287

Square

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



190.9830, -4.9216, -101.7171



170.5370, 41.6403, -149.5609



209.8010, 22.2831, 39.6395



209.3650, -50.4659, 40.0219

Rectangle

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



190.9830, -4.9216, -101.7171



178.1680, 37.8782, -156.2533



209.8010, 22.2831, 39.6395



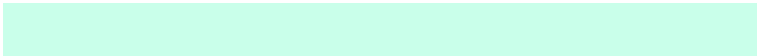
199.5410, -17.0287, 48.6375

Sweetspot

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



190.9830, -4.9216, -101.7171



236.4600, -1.2128, -31.0984



201.0250, -62.1303, -45.6259



116.9500, -0.9614, -18.3732



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.



190.9830, -4.9216, -101.7171



181.2100, -6.0195, -122.9642



190.2720, 30.4319, -101.0935



120.5430, -0.2677, -7.4922



123.8250, -5.3367, -108.5945



40.0250, -1.4913, -35.1019

Inverse Universe

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



136.0170, 4.9216, 101.7171



114.7900, 6.0195, 122.9642



136.7280, -30.4319, 101.0935



116.4570, 0.2677, 7.4922



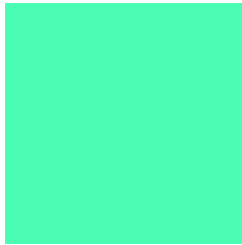
65.1750, 5.3367, 108.5945



21.0890, 1.9281, 35.0019

Previews

White Background



This preview shows how the YUV color 190.9830, -4.9216, -101.7171 looks on a white background.

Color Contrast Check

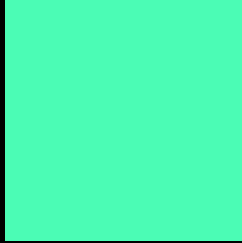
Large Text (above 18pt) WCAG AA × Fail

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 190.9830, -4.9216, -101.7171 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 190.9830, -4.9216, -101.7171 Background



This preview shows how black text looks on a background with the YUV color 190.9830, -4.9216, -101.7171.

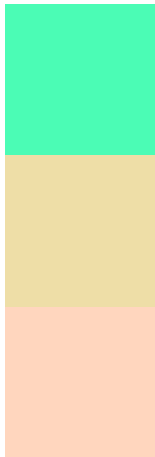


This preview shows how white text looks on a background with the YUV color 190.9830, -4.9216, -101.7171.

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

190.9830, -4.9216, -101.7171

Protanopia

220.5140, -26.3824, 15.3352

Deuteranopia

223.5230, -16.5268, 27.6053



Tritanopia

209.7390, 22.3137, -63.7921

Trichromacy



Original Color

190.9830, -4.9216, -101.7171



Protanomaly

209.9000, -18.6847, -27.0993



Deuteranomaly

211.9640, -12.3073, -19.2624



Tritanomaly

202.7190, 12.4635, -77.8066

Monochromacy



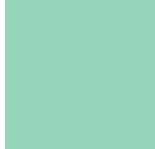
Original Color

190.9830, -4.9216, -101.7171



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.9000, -1.9227, -36.7463

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.9830, -4.9216, -101.7171 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(75, 252, 181)` looks like.

```
.text, #text, p{  
    color:rgb(75, 252, 181)  
}
```

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(75, 252, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 252, 181) }
```

Border

The CSS property to change the border of an element to YUV 190.9830, -4.9216, -101.7171 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(75, 252, 181) }
```


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

```
.border{ border-color:rgb(75, 252, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 252, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 252, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 252, 181);  
box-shadow:4px 4px 4px 4px rgb(75, 252,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 190.9830, -4.9216, -101.7171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 252, 181) }
```

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

```
.background{ background-color: rgb(75, 252,  
181) }
```

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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