

Converting Colors

YUV(188.9740, -11.3262,
-100.8322)

Have a look what the booklet for
YUV(188.9740, -11.3262, -100.8322)
contains.

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Color

**YUV(188.9740, -11.3262,
-100.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFCA6
RGB	74, 252, 166
RGB Percent	29%, 99%, 65%
CMY	0.7098, 0.0118, 0.3490
CMYK	0.71, 0.00, 0.34, 0.01
HSL	151°, 97%, 64%
HSV	151°, 71%, 99%
XYZ	44.5174, 73.8298, 47.9807
YIQ	188.9740, -78.4820, -64.4820

Conversions

Conversions Part 2

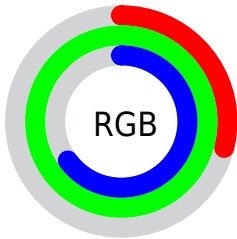
Format	Color
RYB	74, 191, 252
Decimal	4914342
CIELab	88.84, -63.61, 28.57
CIELCh	89, 69.726, 155.813
Yxy	73.8298, 0.2676, 0.4439
Android (android.graphics.Color)	4283104422 (0xFF4AFCA6)
YUV	188.9740, -11.3262, -100.8322
Hunter-Lab	85.9243, -57.8866, 27.0391

Details

The YUV color **188.9740, -11.3262, -100.8322** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **137.0260, 11.3262, 100.8322**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7500, 2.0953, -65.5558**, and **126.7600, -6.7837, -111.1685** is the 20% darker color. If you saturate the color by 10%, you get **180.1310, -12.8826, -115.0019**, and if you desaturate by 10%, it is **197.8170, -9.7698, -86.6625**.

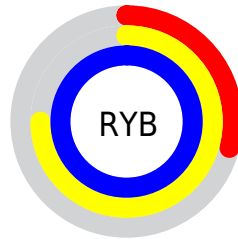
Distribution



Red (29%)

Green (99%)

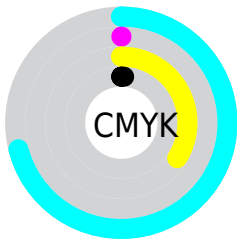
Blue (65%)



Red (29%)

Yellow (75%)

Blue (99%)

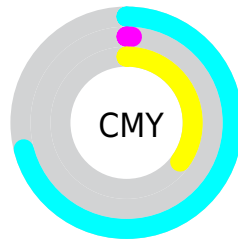


Cyan (71%)

Magenta (0%)

Yellow (34%)

Black (1%)



Cyan (71%)

Magenta (1%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.9740, -11.3262, -100.8322 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 188.9740, -11.3262, -100.8322 by changing the saturation by 10% instead.

188.9740,
-11.3262, -100.8322

188.9740,
-11.3262, -100.8322

255.0000, 0.0000,
0.0000

152.4280, -6.6200,
-117.0164

217.7500, 2.0953,
-65.5558

126.7600, -6.7837,
-111.1685

230.5100, 9.6086,
-48.6823

107.4740, -9.6007,
-94.2547

240.3490, 7.2229,
-30.1241

88.8890, -12.2703,
-77.9557

249.6180, 2.6533,
-11.0660

70.4180, -14.5031,
-61.7566

52.4200, -17.4621,
-45.9723

35.8070, -17.6529,

-31.4027

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 188.9740,
-11.3262, -100.8322

■ 188.9740,
-11.3262, -100.8322

■ 180.1310,
-12.8826, -115.0019

■ 197.8170, -9.7698,
-86.6625

■ 171.2880,
-14.4390, -129.1716

■ 206.6600, -8.2134,
-72.4928

■ 162.7440,
-16.1428, -142.7265

■ 215.9160, -6.3676,
-57.8083

■ 224.7590, -4.8112,
-43.6386

■ 233.6020, -3.2548,
-29.4690

■ 242.4450, -1.6984,
-15.2993

■ 251.2880, -0.1420,
-1.1296

■ 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.



207.8160, -48.2233, -26.1486



188.9740, -11.3262, -100.8322



176.3610, 28.4160, -154.6686

Triad

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



188.9740, -11.3262, -100.8322



197.3130, 28.4397, -68.6805



196.5430, -23.4387, 51.2668

Complementary

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



188.9740, -11.3262, -100.8322



137.0260, 11.3262, 100.8322

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.



196.7950, 7.9891, 51.0458



188.9740, -11.3262, -100.8322



219.4260, 17.5380, 21.5514

Square

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



188.9740, -11.3262, -100.8322



172.2980, 40.7721, -151.1053



208.0400, 23.1513, 41.1839



205.0450, -51.7872, 43.8105

Rectangle

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



188.9740, -11.3262, -100.8322



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839



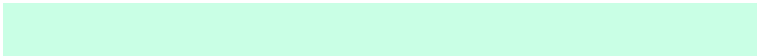
195.3010, -12.9664, 52.3560

Sweetspot

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



188.9740, -11.3262, -100.8322



235.8900, -3.3968, -30.5985



204.2000, -64.1886, -38.7634



116.6080, -2.2717, -18.0732



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.



188.9740, -11.3262, -100.8322



178.1470, -13.8765, -122.9089



197.0170, 27.1066, -107.8859



120.4290, -0.7045, -7.3922



122.1150, -11.8887, -107.0949



39.4550, -3.6753, -34.6020

Inverse Universe

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



137.0260, 11.3262, 100.8322



114.8530, 13.8765, 122.9089



128.9830, -27.1066, 107.8859



116.5710, 0.7045, 7.3922



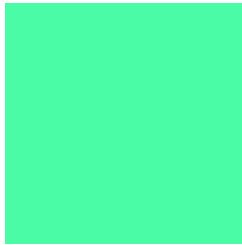
66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 188.9740, -11.3262, -100.8322 looks on a white background.

Color Contrast Check

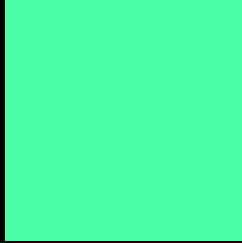
Large Text (above 18pt) WCAG AA × Fail

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 188.9740, -11.3262, -100.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

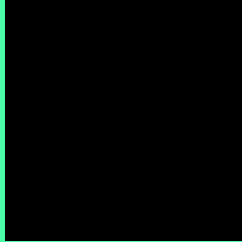
Any Text WCAG AA ✓ Pass

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 188.9740, -11.3262, -100.8322 Background



This preview shows how black text looks on a background with the YUV color 188.9740, -11.3262, -100.8322.



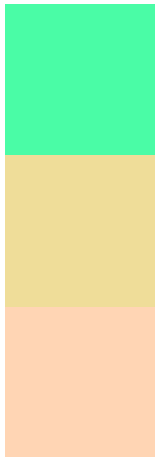
This preview shows how white text looks on a background with the YUV color 188.9740, -11.3262, -100.8322.

-100.8322.

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

188.9740, -11.3262, -100.8322

Protanopia

218.6300, -32.3556, 17.8645

Deuteranopia

221.7960, -20.6054, 29.1199



Tritanopia

208.5430, 22.9033, -66.2512

Trichromacy



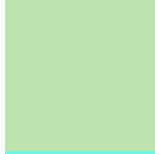
Original Color

188.9740, -11.3262, -100.8322



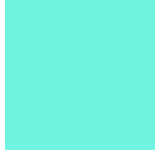
Protanomaly

207.7170, -24.5105, -25.1848



Deuteranomaly

209.7100, -17.1120, -18.1627



Tritanomaly

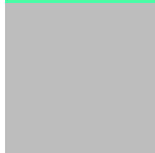
201.5510, 10.5744, -78.5362

Monochromacy



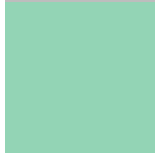
Original Color

188.9740, -11.3262, -100.8322



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.0310, -3.9593, -36.8612

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.9740, -11.3262, -100.8322 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(74, 252, 166)` looks like.

```
.text, #text, p{  
    color:rgb(74, 252, 166)  
}
```

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(74, 252, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 252, 166) }
```

Border

The CSS property to change the border of an element to YUV 188.9740, -11.3262, -100.8322 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(74, 252, 166) }
```


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

```
.border{ border-color:rgb(74, 252, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 252, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 252, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 252, 166);  
box-shadow:4px 4px 4px 4px rgb(74, 252,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 188.9740, -11.3262, -100.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 252, 166) }
```

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

```
.background{ background-color: rgb(74, 252,  
166) }
```

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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