

Converting Colors

YUV(198.1910, -46.9292,
-21.2155)

Have a look what the booklet for
YUV(198.1910, -46.9292, -21.2155)
contains.

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Color

**YUV(198.1910, -46.9292,
-21.2155)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE567
RGB	174, 229, 103
RGB Percent	68%, 90%, 40%
CMY	0.3176, 0.1020, 0.5961
CMYK	0.24, 0.00, 0.55, 0.10
HSL	86°, 71%, 65%
HSV	86°, 55%, 90%
XYZ	47.9231, 66.0166, 23.0486
YIQ	198.1910, 7.6660, -50.8460

Conversions

Conversions Part 2

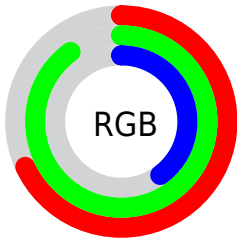
Format	Color
RYB	103, 229, 158
Decimal	11461991
CIELab	85.00, -37.41, 54.95
CIELCh	85, 66.475, 124.244
Yxy	66.0166, 0.3498, 0.4819
Android (android.graphics.Color)	4289652071 (0xFFAEE567)
YUV	198.1910, -46.9292, -21.2155
Hunter-Lab	81.2506, -36.9060, 40.0564

Details

The YUV color **198.1910, -46.9292, -21.2155** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **133.8090, 46.9292, 21.2155**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9510, -39.4158, -4.3420**, and **142.4190, -46.0556, -21.4155** is the 20% darker color. If you saturate the color by 10%, you get **192.5790, -55.5014, -25.0638**, and if you desaturate by 10%, it is **203.8030, -38.3569, -17.3672**.

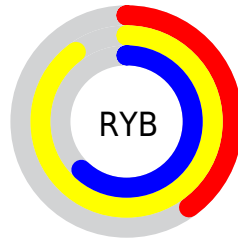
Distribution



Red (68%)

Green (90%)

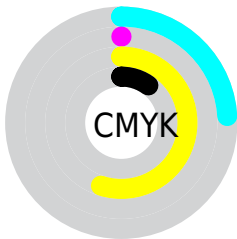
Blue (40%)



Red (40%)

Yellow (90%)

Blue (62%)

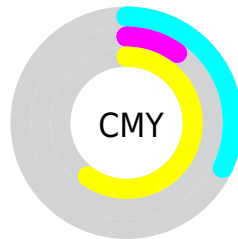


Cyan (24%)

Magenta (0%)

Yellow (55%)

Black (10%)



Cyan (32%)

Magenta (10%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1910, -46.9292, -21.2155 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 198.1910, -46.9292, -21.2155 by changing the saturation by 10% instead.

■ 198.1910,
-46.9292, -21.2155

■ 198.1910,
-46.9292, -21.2155

255.0000, 0.0000,
0.0000

■ 170.3050,
-46.4924, -21.3155

■ 236.9510,
-39.4158, -4.3420

■ 142.4190,
-46.0556, -21.4155

■ 247.0200,
-30.5759, 6.9985

■ 114.8490,
-48.2396, -20.9156

■ 250.3260,
-17.9087, 4.0991

■ 89.5760, -44.1610,
-22.4302

■ 253.6320, -5.2416,
1.1997

■ 66.2300, -32.6514,
-27.3887

■ 41.6770, -20.5468,
-36.5507

■ 28.1760, -13.8908,

-24.7104

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 198.1910,
-46.9292, -21.2155

■ 198.1910,
-46.9292, -21.2155

■ 192.5790,
-55.5014, -25.0638

■ 203.8030,
-38.3569, -17.3672

■ 186.9670,
-64.0737, -28.9121

■ 209.4150,
-29.7846, -13.5190

■ 181.3550,
-72.6460, -32.7603

■ 215.0270,
-21.2123, -9.6707

■ 175.7430,
-81.2183, -36.6086

■ 220.6390,
-12.6400, -5.8224

■ 172.9940,
-85.2860, -38.5827

■ 226.2510, -4.0677,
-1.9741

■ 231.7490, 4.0677,
1.9741

■ 236.4490, 9.1456,
6.6222

■ 239.4390, 7.6716,
12.7700

■ 239.7380, 7.5242,
13.3848

Harmonies

Analogous

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



205.0250, -61.6373, 29.7961



198.1910, -46.9292, -21.2155



182.1820, -13.4007, -88.7366

Triad

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



198.1910, -46.9292, -21.2155



165.8410, 43.9554, -145.4426



191.8880, 6.9572, 55.3492

Complementary

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



198.1910, -46.9292, -21.2155



133.8090, 46.9292, 21.2155

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.



203.9310, 25.1770, 44.7875



198.1910, -46.9292, -21.2155



187.5560, 33.2499, -71.5246

Square

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



198.1910, -46.9292, -21.2155



171.1240, 41.3509, -150.0757



209.9460, 22.2116, 15.8334



190.8040, -22.5814, 56.2999

Rectangle

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



198.1910, -46.9292, -21.2155



165.2130, 16.1640, -144.8918



209.9460, 22.2116, 15.8334



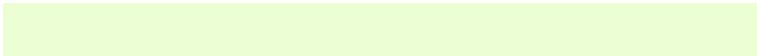
194.8690, 15.8406, 52.7349

Sweetspot

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



198.1910, -46.9292, -21.2155



244.4170, -15.9816, -7.3817



172.9590, -34.4898, 49.1480



121.4480, -9.5879, -4.7779



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.



198.1910, -46.9292, -21.2155



214.0210, -62.6214, -28.0824



179.3540, -37.6425, -59.9465



112.1370, -4.5045, -1.8741



135.2720, -66.6891, -30.0565



38.6080, -19.0337, -8.4262

Inverse Universe

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



133.8090, 46.9292, 21.2155



127.9790, 62.6214, 28.0824



152.6460, 37.6425, 59.9465



105.8630, 4.5045, 1.8741



43.7280, 66.6891, 30.0565



12.3920, 19.0337, 8.4262

Previews

White Background



This preview shows how the YUV color 198.1910, -46.9292, -21.2155 looks on a white background.

Color Contrast Check

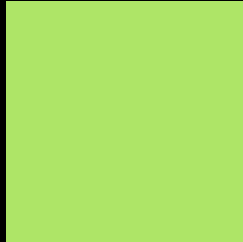
Large Text (above 18pt) WCAG AA × Fail

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 198.1910, -46.9292, -21.2155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

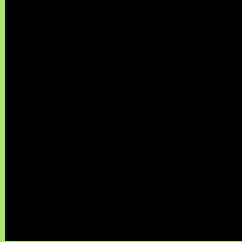
Any Text WCAG AA ✓ Pass

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 198.1910, -46.9292, -21.2155 Background



This preview shows how black text looks on a background with the YUV color 198.1910, -46.9292, -21.2155.



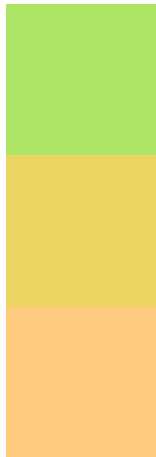
This preview shows how white text looks on a background with the YUV color 198.1910, -46.9292, -21.2155.

-21.2155.

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

198.1910, -46.9292, -21.2155

Protanopia

205.8810, -53.1853, 25.5374

Deuteranopia

209.7700, -41.2986, 39.6667



Tritanopia

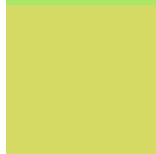
209.7620, 10.9633, -16.4543

Trichromacy



Original Color

198.1910, -46.9292, -21.2155



Protanomaly

203.0530, -50.8051, 8.7235



Deuteranomaly

205.4700, -43.1227, 18.0048



Tritanomaly

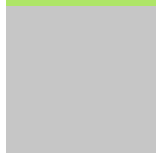
205.5450, -10.1287, -18.0180

Monochromacy



Original Color

198.1910, -46.9292, -21.2155



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.7760, -17.1446, -7.6966

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1910, -46.9292, -21.2155 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(174, 229, 103)` looks like.

```
.text, #text, p{  
    color:rgb(174, 229, 103)  
}
```

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(174, 229, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 229, 103) }
```

Border

The CSS property to change the border of an element to YUV 198.1910, -46.9292, -21.2155 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(174, 229, 103) }
```


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

```
.border{ border-color:rgb(174, 229, 103) }
```

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

Here you see how a box with a 4 pixel rgb(174, 229, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 229, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 229, 103);  
box-shadow:4px 4px 4px 4px rgb(174, 229,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 198.1910, -46.9292, -21.2155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 229, 103) }
```

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

```
.background{ background-color: rgb(174,  
229, 103) }
```

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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