

Converting Colors

YUV(197.5130, -48.5669,
-9.2199)

Have a look what the booklet for
YUV(197.5130, -48.5669, -9.2199)
contains.

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Color

**YUV(197.5130, -48.5669,
-9.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDE63
RGB	187, 222, 99
RGB Percent	73%, 87%, 39%
CMY	0.2667, 0.1294, 0.6118
CMYK	0.16, 0.00, 0.55, 0.13
HSL	77°, 65%, 63%
HSV	77°, 55%, 87%
XYZ	48.8669, 63.7082, 21.5257
YIQ	197.5130, 18.6230, -45.6730

Conversions

Conversions Part 2

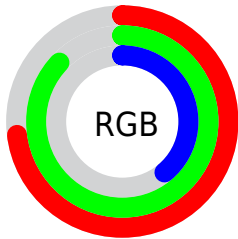
Format	Color
R _Y B	99, 222, 134
Decimal	12312163
CIE Lab	83.81, -29.68, 55.58
CIE LCh	84, 63.009, 118.098
Yxy	63.7082, 0.3644, 0.4751
Android (android.graphics.Color)	4290502243 (0xFFBBDE63)
YUV	197.5130, -48.5669, -9.2199
Hunter-Lab	79.8174, -30.3967, 39.8824

Details

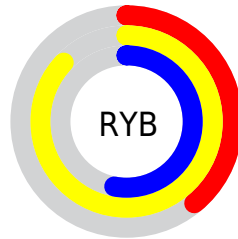
The YUV color **197.5130, -48.5669, -9.2199** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **123.4870, 48.5669, 9.2199**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3820, -43.0793, 4.0500**, and **142.3280, -47.9827, -9.9347** is the 20% darker color. If you saturate the color by 10%, you get **193.2110, -57.2920, -10.7090**, and if you desaturate by 10%, it is **201.8150, -39.8418, -7.7308**.

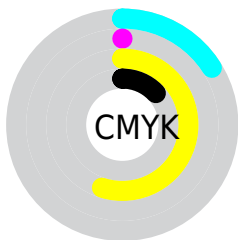
Distribution



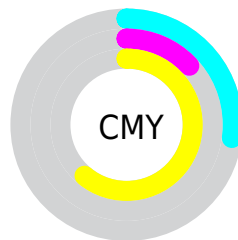
- Red (73%)
- Green (87%)
- Blue (39%)



- Red (39%)
- Yellow (87%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (55%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.5130, -48.5669, -9.2199 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 197.5130, -48.5669, -9.2199 by changing the saturation by 10% instead.

■ 197.5130,
-48.5669, -9.2199

■ 197.5130,
-48.5669, -9.2199

255.0000, 0.0000,
0.0000

■ 169.6270,
-48.1301, -9.3199

■ 240.3820,
-43.0793, 4.0500

■ 142.3280,
-47.9827, -9.9347

■ 246.5640,
-32.3231, 7.3984

■ 114.4160,
-51.4771, -9.1348

■ 249.7560,
-20.0927, 4.5990

■ 90.5280, -44.6303,
-11.8641

■ 253.0620, -7.4256,
1.6996

■ 68.0790, -33.5629,
-14.9783

■ 45.6190, -22.4902,
-19.8369

■ 25.8280, -12.7332,

-22.6512

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 197.5130,
-48.5669, -9.2199

■ 197.5130,
-48.5669, -9.2199

■ 193.2110,
-57.2920, -10.7090

■ 201.8150,
-39.8418, -7.7308

■ 188.6100,
-65.8697, -12.8130

■ 206.4160,
-31.2641, -5.6268

■ 184.1940,
-75.0316, -14.2021

■ 210.8320,
-22.1022, -4.2377

■ 179.8920,
-83.7568, -15.6913

■ 215.1340,
-13.3771, -2.7485

■ 177.8550,
-87.6825, -16.5358

■ 219.7350, -4.7994,
-0.6446

■ 224.0370, 3.9258,
0.8446

■ 228.3390, 12.6509,
2.3337

■ 230.5460, 12.0558,
6.5372

■ 232.3400, 11.1714,
10.2258

Harmonies

Analogous

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



202.9920, -58.1701, 37.7180



197.5130, -48.5669, -9.2199



186.0770, -20.7440, -66.7195

Triad

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



197.5130, -48.5669, -9.2199



164.6670, 44.5342, -144.4130



193.5010, 10.5990, 53.9346

Complementary

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



197.5130, -48.5669, -9.2199



123.4870, 48.5669, 9.2199

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.



206.2790, 24.0195, 42.7283



197.5130, -48.5669, -9.2199



178.5860, 37.6721, -89.9679

Square

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



197.5130, -48.5669, -9.2199



168.7760, 42.5084, -148.0166



205.1290, 24.5864, 0.7639



189.7100, -16.6190, 57.2593

Rectangle

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



197.5130, -48.5669, -9.2199



159.8670, 10.9116, -140.2034



205.1290, 24.5864, 0.7639



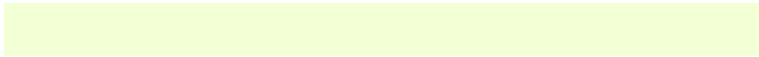
197.5420, 18.4668, 50.3907

Sweetspot

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



197.5130, -48.5669, -9.2199



246.5100, -17.0134, -3.0783



156.3220, -28.2597, 57.5996



122.6440, -10.1775, -2.3188



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.



197.5130, -48.5669, -9.2199



221.4960, -66.3065, -12.7130



179.2740, -39.5751, -46.7213



109.8490, -4.3626, -0.7446



140.9860, -69.5061, -13.1427



38.6410, -19.0500, -3.1932

Inverse Universe

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



123.4870, 48.5669, 9.2199



120.5040, 66.3065, 12.7130



141.7260, 39.5751, 46.7213



103.1510, 4.3626, 0.7446



35.0140, 69.5061, 13.1427



9.6580, 18.9026, 3.8079

Previews

White Background



This preview shows how the YUV color 197.5130, -48.5669, -9.2199 looks on a white background.

Color Contrast Check

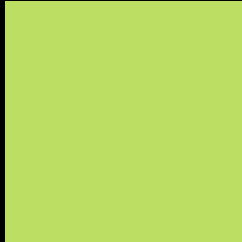
Large Text (above 18pt) WCAG AA × Fail

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 197.5130, -48.5669, -9.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

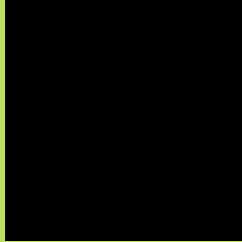
Any Text WCAG AA ✓ Pass

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 197.5130, -48.5669, -9.2199 Background



This preview shows how black text looks on a background with the YUV color 197.5130, -48.5669, -9.2199.



This preview shows how white text looks on a background with the YUV color 197.5130, -48.5669, -9.2199.

-9.2199.

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

197.5130, -48.5669, -9.2199

Protanopia

202.5820, -53.0379, 24.9226

Deuteranopia

205.5980, -47.1298, 43.3256



Tritanopia

208.7310, 8.0206, -5.9031

Trichromacy



Original Color

197.5130, -48.5669, -9.2199

Protanomaly

200.8470, -51.6896, 12.4122

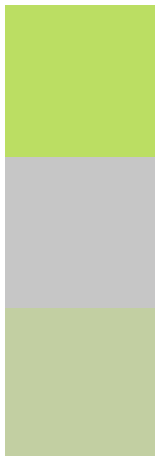
Deuteranomaly

202.3630, -47.5070, 24.2376

Tritanomaly

204.9270, -12.7820, -6.9520

Monochromacy



Original Color

197.5130, -48.5669, -9.2199

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.9830, -17.7396, -3.4931

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.5130, -48.5669, -9.2199 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(187, 222, 99)` looks like.

```
.text, #text, p{  
    color:rgb(187, 222, 99)  
}
```

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(187, 222, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 222, 99) }
```

Border

The CSS property to change the border of an element to YUV 197.5130, -48.5669, -9.2199 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(187, 222, 99) }
```


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

```
.border{ border-color:rgb(187, 222, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 222, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 222, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 222, 99);  
box-shadow:4px 4px 4px 4px rgb(187, 222,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 197.5130, -48.5669, -9.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 222, 99) }
```

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

```
.background{ background-color: rgb(187,  
222, 99) }
```

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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