

Converting Colors

YUV(197.9130, -65.5261,
-29.7417)

Have a look what the booklet for
YUV(197.9130, -65.5261, -29.7417)
contains.

YUV(197.9130, -65.5261, -29.7417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(197.9130, -65.5261,
-29.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F141
RGB	164, 241, 65
RGB Percent	64%, 95%, 25%
CMY	0.3569, 0.0549, 0.7451
CMYK	0.32, 0.00, 0.73, 0.05
HSL	86°, 86%, 60%
HSV	86°, 73%, 95%
XYZ	47.7193, 71.1848, 16.2260
YIQ	197.9130, 10.6040, -71.0600

Conversions

Conversions Part 2

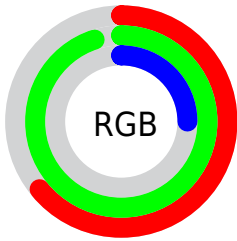
Format	Color
RYB	65, 241, 142
Decimal	10809665
CIELab	87.57, -49.05, 72.54
CIELCh	88, 87.568, 124.064
Yxy	71.1848, 0.3531, 0.5268
Android (android.graphics.Color)	4288999745 (0xFFA4F141)
YUV	197.9130, -65.5261, -29.7417
Hunter-Lab	84.3711, -46.6919, 47.6573

Details

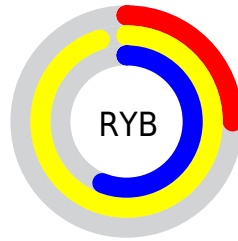
The YUV color **197.9130, -65.5261, -29.7417** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **108.0870, 65.5261, 29.7417**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4980, -52.5035, -6.5757**, and **139.7020, -68.8731, -29.5567** is the 20% darker color. If you saturate the color by 10%, you get **191.8880, -74.3878, -34.1048**, and if you desaturate by 10%, it is **203.9380, -56.6644, -25.3786**.

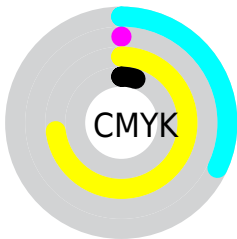
Distribution



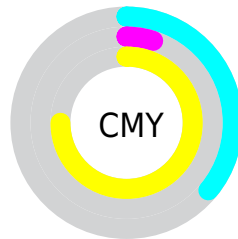
- Red (64%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (56%)



- Cyan (32%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (36%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.9130, -65.5261, -29.7417 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 197.9130, -65.5261, -29.7417 by changing the saturation by 10% instead.

■ 197.9130,
-65.5261, -29.7417

■ 197.9130,
-65.5261, -29.7417

■ 255.0000, 0.0000,
0.0000

■ 168.1150,
-68.5837, -29.0419

■ 230.4980,
-52.5035, -6.5757

■ 139.7020,
-68.8731, -29.5567

■ 242.9590,
-44.8428, 9.6830

■ 114.8830,
-56.6373, -34.1004

■ 246.5640,
-32.3231, 7.3984

■ 89.7540, -44.2487,
-41.0033

■ 249.8700,
-19.6559, 4.4990

■ 61.6350, -30.3861,
-54.0539

■ 253.2900, -6.5520,
1.4997

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,

-28.8287

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 197.9130,
-65.5261, -29.7417

■ 197.9130,
-65.5261, -29.7417

■ 191.8880,
-74.3878, -34.1048

■ 203.9380,
-56.6644, -25.3786


■ 186.1620,
-83.3969, -37.8531

■ 209.6640,
-47.6554, -21.6303

■ 182.1310,
-89.7906, -40.4569


■ 215.6890,
-38.7937, -17.2673


■ 221.4150,
-29.7846, -13.5190

 227.5540,
-20.4861, -9.2559

 233.2800,
-11.4770, -5.5076

 239.3050, -2.6154,
-1.1445

 244.6890, 5.0833,
2.9037

 246.7820, 4.0515,
7.2072

Harmonies

Analogous

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



203.3030, -100.2284, 40.9533



197.9130, -65.5261, -29.7417



164.8130, -10.7538, -144.5410

Triad

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



197.9130, -65.5261, -29.7417



174.0590, 39.9039, -152.6497



179.6580, 15.9446, 66.0749

Complementary

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



197.9130, -65.5261, -29.7417



108.0870, 65.5261, 29.7417

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.



196.3000, 28.9391, 51.4799



197.9130, -65.5261, -29.7417



161.7320, 45.9811, -141.8390

Square

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



197.9130, -65.5261, -29.7417



178.7550, 37.5888, -156.7681



212.0390, 21.1798, 20.1368



180.9900, -24.6451, 64.9068

Rectangle

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



197.9130, -65.5261, -29.7417



172.4850, 13.5649, -151.2693



212.0390, 21.1798, 20.1368



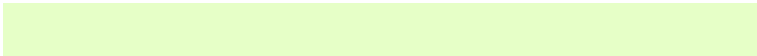
184.6110, 27.3068, 61.7312

Sweetspot

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



197.9130, -65.5261, -29.7417



241.1410, -20.7755, -9.7707



162.2360, -47.9373, 69.0760



119.6390, -12.6400, -5.8224



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.



197.9130, -65.5261, -29.7417



200.1620, -83.3969, -37.8531



171.9000, -52.7017, -83.2273



117.1370, -4.5045, -1.8741



138.8050, -68.4309, -31.4010



42.4400, -20.9229, -9.1559

Inverse Universe

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



108.0870, 65.5261, 29.7417



85.8380, 83.3969, 37.8531



134.1000, 52.7017, 83.2273



110.8630, 4.5045, 1.8741



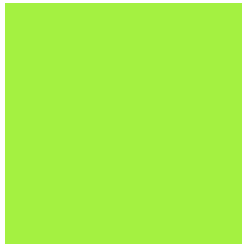
44.8960, 68.5783, 30.7862



13.8590, 20.7755, 9.7707

Previews

White Background



This preview shows how the YUV color 197.9130, -65.5261, -29.7417 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 197.9130, -65.5261, -29.7417 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 197.9130, -65.5261, -29.7417 Background



This preview shows how black text looks on a background with the YUV color 197.9130, -65.5261, -29.7417.



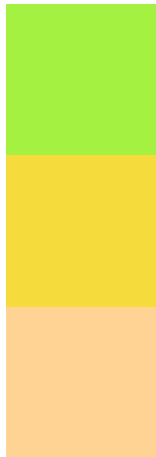
This preview shows how white text looks on a background with the YUV color 197.9130, -65.5261, -29.7417.

-29.7417.

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

197.9130, -65.5261, -29.7417

Protanopia

208.5340, -73.7203, 31.9807

Deuteranopia

216.9740, -34.0042, 33.3488



Tritanopia

215.6900, 13.4638, -25.1611

Trichromacy



Original Color

197.9130, -65.5261, -29.7417

Protanomaly

204.7870, -70.8870, 9.8338

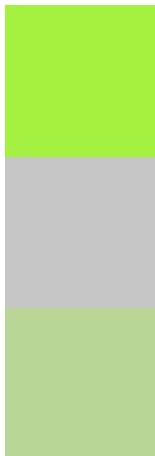
Deuteranomaly

210.1440, -45.4270, 10.3977

Tritanomaly

209.4100, -15.4851, -26.6696

Monochromacy



Original Color

197.9130, -65.5261, -29.7417

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.3320, -23.8277, -10.8152

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9130, -65.5261, -29.7417 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(164, 241, 65)` looks like.

```
.text, #text, p{  
    color:rgb(164, 241, 65)  
}
```

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(164, 241, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 241, 65) }
```

Border

The CSS property to change the border of an element to YUV 197.9130, -65.5261, -29.7417 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(164, 241, 65) }
```


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

```
.border{ border-color:rgb(164, 241, 65) }
```

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

Here you see how a box with a 4 pixel rgb(164, 241, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 241, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 241, 65);  
box-shadow:4px 4px 4px 4px rgb(164, 241,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 197.9130, -65.5261, -29.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 241, 65) }
```

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

```
.background{ background-color: rgb(164,  
241, 65) }
```

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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