

Converting Colors

YUV(215.9750, -69.5007,
-14.8871)

Have a look what the booklet for
YUV(215.9750, -69.5007, -14.8871)
contains.

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Color

**YUV(215.9750, -69.5007,
-14.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FC4B
RGB	199, 252, 75
RGB Percent	78%, 99%, 29%
CMY	0.2196, 0.0118, 0.7059
CMYK	0.21, 0.00, 0.70, 0.01
HSL	78°, 97%, 64%
HSV	78°, 70%, 99%
XYZ	59.6336, 82.2709, 19.3935
YIQ	215.9750, 25.2290, -66.2830

Conversions

Conversions Part 2

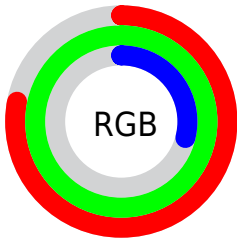
Format	Color
RYB	75, 252, 128
Decimal	13106251
CIELab	92.69, -40.47, 74.88
CIELCh	93, 85.111, 118.389
Yxy	82.2709, 0.3697, 0.5101
Android (android.graphics.Color)	4291296331 (0xFFC7FC4B)
YUV	215.9750, -69.5007, -14.8871
Hunter-Lab	90.7033, -41.3746, 50.8154

Details

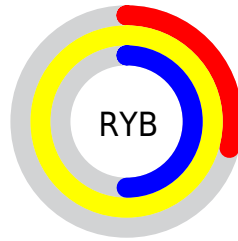
The YUV color **215.9750, -69.5007, -14.8871** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **111.0250, 69.5007, 14.8871**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0920, -53.2894, 12.1973**, and **156.6240, -77.2156, -13.7022** is the 20% darker color. If you saturate the color by 10%, you get **210.7330, -79.2414, -17.3058**, and if you desaturate by 10%, it is **221.2170, -59.7600, -12.4683**.

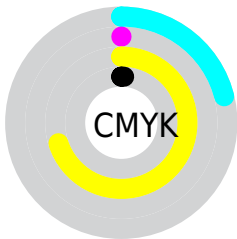
Distribution



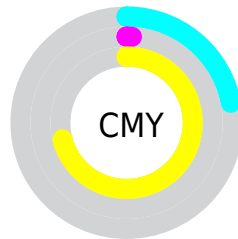
- Red (78%)
- Green (99%)
- Blue (29%)



- Red (29%)
- Yellow (99%)
- Blue (50%)



- Cyan (21%)
- Magenta (0%)
- Yellow (70%)
- Black (1%)



- Cyan (22%)
- Magenta (1%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.9750, -69.5007, -14.8871 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 215.9750, -69.5007, -14.8871 by changing the saturation by 10% instead.

215.9750,
-69.5007, -14.8871

215.9750,
-69.5007, -14.8871

255.0000, 0.0000,
0.0000

186.5190,
-71.2479, -14.4872

241.0920,
-53.2894, 12.1973

156.6240,
-77.2156, -13.7022

244.3980,
-40.6222, 9.2980

132.1040,
-65.1273, -17.6312

247.7040,
-27.9551, 6.3986

107.5840,
-53.0389, -21.5602

251.1240,
-14.8511, 3.3993

83.6510, -41.2399,
-26.0039

254.4300, -2.1840,
0.4999

58.2120, -28.6985,
-35.2659

38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 9.9790, -4.9196,
-8.7516

■ 215.9750,
-69.5007, -14.8871

■ 215.9750,
-69.5007, -14.8871

■ 210.7330,
-79.2414, -17.3058

■ 221.2170,
-59.7600, -12.4683

■ 205.7900,
-89.1295, -19.1098

■ 226.1600,
-49.8719, -10.6643

■ 200.8470,
-99.0176, -20.9138

■ 231.5160,
-39.6944, -8.3455

■ 236.4590,
-29.8063, -6.5415

■ 241.7010,
-20.0656, -4.1228

■ 246.6440,
-10.1775, -2.3188

■ 251.8860, -0.4368,
0.1000

■ 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.



216.2540, -82.4562, 33.9802



215.9750, -69.5007, -14.8871



188.2270, -21.8039, -100.1771

Triad

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



215.9750, -69.5007, -14.8871



178.7550, 37.5888, -156.7681



195.4050, 22.9713, 52.2648

Complementary

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



215.9750, -69.5007, -14.8871



111.0250, 69.5007, 14.8871

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.



209.8010, 22.2831, 39.6395



215.9750, -69.5007, -14.8871



172.8850, 40.4827, -151.6201

Square

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



215.9750, -69.5007, -14.8871



178.7550, 37.5888, -156.7681



222.2620, 16.1398, 3.2782



192.0410, -15.3032, 55.2150

Rectangle

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



215.9750, -69.5007, -14.8871



172.2570, 12.6913, -151.0694



222.2620, 16.1398, 3.2782



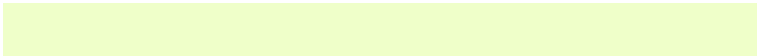
199.2350, 27.4921, 48.9059

Sweetspot

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



215.9750, -69.5007, -14.8871



244.0600, -21.2286, -4.4376



157.2730, -40.5606, 83.0756



121.3620, -12.5035, -2.9485



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.



215.9750, -69.5007, -14.8871



211.4680, -84.0407, -17.9504



190.2610, -56.8237, -67.7579



122.3220, -5.0887, -1.1594



150.4110, -74.1526, -16.1464



48.6640, -23.9914, -4.9673

Inverse Universe

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



111.0250, 69.5007, 14.8871



84.5320, 84.0407, 17.9504



136.7390, 56.8237, 67.7579



114.6780, 5.0887, 1.1594



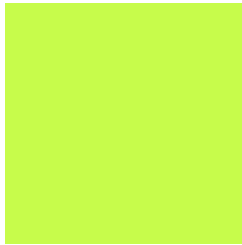
38.5890, 74.1526, 16.1464



12.3360, 23.9914, 4.9673

Previews

White Background



This preview shows how the YUV color 215.9750, -69.5007, -14.8871 looks on a white background.

Color Contrast Check

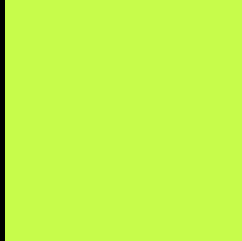
Large Text (above 18pt) WCAG AA × Fail

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 215.9750, -69.5007, -14.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

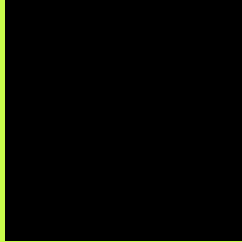
Any Text WCAG AA ✓ Pass

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 215.9750, -69.5007, -14.8871 Background



This preview shows how black text looks on a background with the YUV color 215.9750, -69.5007, -14.8871.



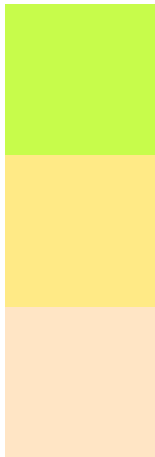
This preview shows how white text looks on a background with the YUV color 215.9750, -69.5007, -14.8871.

-14.8871.

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

215.9750, -69.5007, -14.8871

Protanopia

228.8790, -46.7753, 22.9081

Deuteranopia

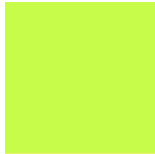
233.1260, -17.8101, 19.1835



Tritanopia

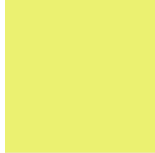
232.3820, 10.6577, -11.7360

Trichromacy



Original Color

215.9750, -69.5007, -14.8871



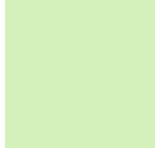
Protanomaly

224.6140, -55.0257, 9.1085



Deuteranomaly

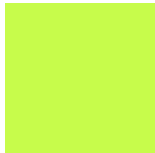
226.8260, -36.3962, 7.1686



Tritanomaly

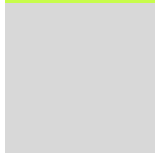
226.4010, -18.4387, -12.6297

Monochromacy



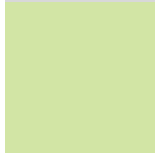
Original Color

215.9750, -69.5007, -14.8871



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.0230, -25.1543, -5.2822

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.9750, -69.5007, -14.8871 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(199, 252, 75)` looks like.

```
.text, #text, p{  
    color:rgb(199, 252, 75)  
}
```

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(199, 252, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 252, 75) }
```

Border

The CSS property to change the border of an element to YUV 215.9750, -69.5007, -14.8871 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(199, 252, 75) }
```


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

```
.border{ border-color:rgb(199, 252, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 252, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 252, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 252, 75);  
box-shadow:4px 4px 4px 4px rgb(199, 252,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 215.9750, -69.5007, -14.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 252, 75) }
```

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

```
.background{ background-color: rgb(199,  
252, 75) }
```

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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