

Converting Colors

YUV(213.5950, -56.4953,
-32.9708)

Have a look what the booklet for
YUV(213.5950, -56.4953, -32.9708)
contains.

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Color

**YUV(213.5950, -56.4953,
-32.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FF63
RGB	176, 255, 99
RGB Percent	69%, 100%, 39%
CMY	0.3098, 0.0000, 0.6118
CMYK	0.31, 0.00, 0.61, 0.00
HSL	90°, 100%, 69%
HSV	90°, 61%, 100%
XYZ	55.9166, 81.6510, 24.6175
YIQ	213.5950, 2.9920, -65.2640

Conversions

Conversions Part 2

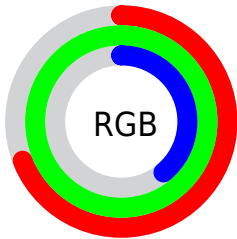
Format	Color
RYB	99, 255, 178
Decimal	11599715
CIELab	92.42, -48.37, 65.09
CIELCh	92, 81.097, 126.617
Yxy	81.6510, 0.3448, 0.5034
Android (android.graphics.Color)	4289789795 (0xFFB0FF63)
YUV	213.5950, -56.4953, -32.9708
Hunter-Lab	90.3609, -47.6733, 47.1000

Details

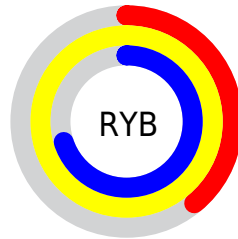
The YUV color **213.5950, -56.4953, -32.9708** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **140.4050, 56.4953, 32.9708**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6200, -40.7317, -2.2977**, and **156.0680, -57.2215, -33.3856** is the 20% darker color. If you saturate the color by 10%, you get **206.7440, -65.9358, -38.3635**, and if you desaturate by 10%, it is **220.3320, -47.4917, -27.4782**.

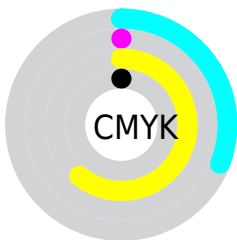
Distribution



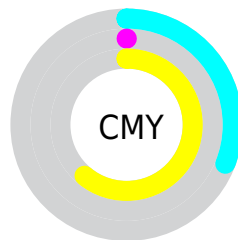
- Red (69%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (70%)



- Cyan (31%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5950, -56.4953, -32.9708 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 213.5950, -56.4953, -32.9708 by changing the saturation by 10% instead.

■ 213.5950,
-56.4953, -32.9708

■ 213.5950,
-56.4953, -32.9708

■ 255.0000, 0.0000,
0.0000

■ 184.7090,
-56.0585, -33.0708

■ 237.6200,
-40.7317, -2.2977

■ 156.0680,
-57.2215, -33.3856

■ 246.7920,
-31.4495, 7.1984

■ 126.4010,
-62.3157, -32.8007

■ 250.0980,
-18.7823, 4.2991

■ 101.5820,
-50.0799, -37.3444

■ 253.5180, -5.6784,
1.2997

■ 75.5560, -37.2491,
-46.0916

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 9.3920, -4.6303,
-8.2368

■ 213.5950,
-56.4953, -32.9708

■ 213.5950,
-56.4953, -32.9708

■ 206.7440,
-65.9358, -38.3635

■ 220.3320,
-47.4917, -27.4782

■ 200.0070,
-74.9395, -43.8561

■ 227.1830,
-38.0512, -22.0855

■ 193.1560,
-84.3799, -49.2488

■ 234.0340,
-28.6108, -16.6928

■ 187.3590,
-92.3680, -53.8118

■ 240.7710,
-19.6071, -11.2002

■ 247.6220,
-10.1666, -5.8075

■ 254.0600, -1.0156,
-0.9296

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



221.1440, -78.9510, 29.6917



213.5950, -56.4953, -32.9708



168.8370, -0.4126, -148.0700

Triad

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



213.5950, -56.4953, -32.9708



178.7550, 37.5888, -156.7681



195.1310, 11.7674, 52.5051

Complementary

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



213.5950, -56.4953, -32.9708



140.4050, 56.4953, 32.9708

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.



206.8660, 23.7301, 42.2135



213.5950, -56.4953, -32.9708



196.0070, 29.0835, -88.5831

Square

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



213.5950, -56.4953, -32.9708



178.7550, 37.5888, -156.7681



225.6500, 14.4696, 25.7400



195.9730, -25.6227, 51.7667

Rectangle

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



213.5950, -56.4953, -32.9708



174.9930, 23.1745, -153.4689



225.6500, 14.4696, 25.7400



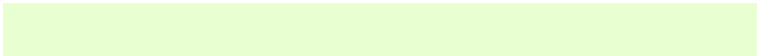
198.6820, 22.8348, 49.3909

Sweetspot

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



213.5950, -56.4953, -32.9708



242.8790, -16.7023, -9.5409



191.4300, -45.5680, 55.7509



120.2090, -10.4560, -6.3223



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.



213.5950, -56.4953, -32.9708



205.6900, -67.3882, -39.1931



190.5720, -45.1450, -80.3086



124.4250, -4.6465, -3.0037



140.2230, -69.1299, -40.5376



46.8370, -23.0906, -13.8890

Inverse Universe

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



140.4050, 56.4953, 32.9708



118.3100, 67.3882, 39.1931



163.4280, 45.1450, 80.3086



118.2760, 4.7939, 2.3889



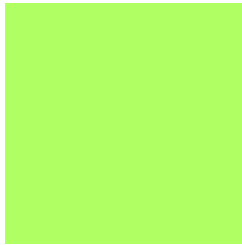
50.7770, 69.1299, 40.5376



16.8640, 23.2380, 13.2743

Previews

White Background



This preview shows how the YUV color 213.5950, -56.4953, -32.9708 looks on a white background.

Color Contrast Check

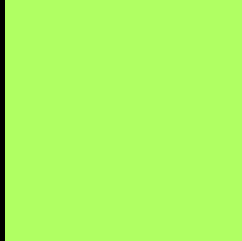
Large Text (above 18pt) WCAG AA × Fail

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 213.5950, -56.4953, -32.9708 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 213.5950, -56.4953, -32.9708 Background



This preview shows how black text looks on a background with the YUV color 213.5950, -56.4953, -32.9708.



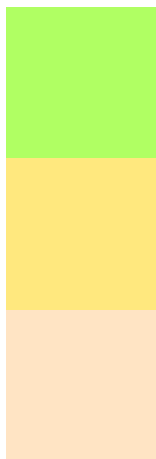
This preview shows how white text looks on a background with the YUV color 213.5950, -56.4953, -32.9708.

-32.9708.

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

213.5950, -56.4953, -32.9708

Protanopia

226.7930, -49.6909, 24.7375

Deuteranopia

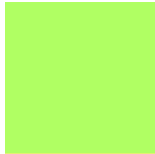
232.4250, -17.9575, 19.7983



Tritanopia

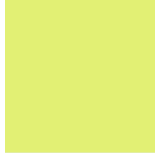
229.4730, 12.5848, -23.2168

Trichromacy



Original Color

213.5950, -56.4953, -32.9708



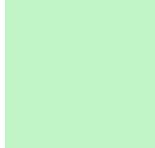
Protanomaly

221.6780, -52.0993, 3.7904



Deuteranomaly

225.6340, -31.8646, 0.3210



Tritanomaly

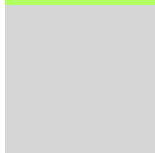
223.5070, -12.5750, -26.7546

Monochromacy



Original Color

213.5950, -56.4953, -32.9708



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.8310, -20.6227, -12.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5950, -56.4953, -32.9708 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(176, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 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(176, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 99) }
```

Border

The CSS property to change the border of an element to YUV 213.5950, -56.4953, -32.9708 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(176, 255, 99) }
```


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

```
.border{ border-color:rgb(176, 255, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 213.5950, -56.4953, -32.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 99) }
```

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

```
.background{ background-color: rgb(176,  
255, 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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