

Converting Colors

YUV(194.4250, -68.7365,
-26.6827)

Have a look what the booklet for
YUV(194.4250, -68.7365, -26.6827)
contains.

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Color

**YUV(194.4250, -68.7365,
-26.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	A4ED37
RGB	164, 237, 55
RGB Percent	64%, 93%, 22%
CMY	0.3569, 0.0706, 0.7843
CMYK	0.31, 0.00, 0.77, 0.07
HSL	84°, 83%, 57%
HSV	84°, 77%, 93%
XYZ	46.2836, 68.7367, 14.4425
YIQ	194.4250, 14.9140, -72.0780

Conversions

Conversions Part 2

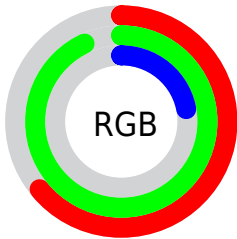
Format	Color
RYB	55, 237, 128
Decimal	10808631
CIELab	86.37, -47.90, 74.51
CIELCh	86, 88.575, 122.734
Yxy	68.7367, 0.3575, 0.5309
Android (android.graphics.Color)	4288998711 (0xFFA4ED37)
YUV	194.4250, -68.7365, -26.6827
Hunter-Lab	82.9076, -45.4397, 47.7070

Details

The YUV color **194.4250, -68.7365, -26.6827** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **97.5750, 68.7365, 26.6827**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4720, -56.4347, -5.6759**, and **137.9410, -68.0049, -28.0123** is the 20% darker color. If you saturate the color by 10%, you get **188.6990, -77.7456, -30.4310**, and if you desaturate by 10%, it is **200.1510, -59.7274, -22.9344**.

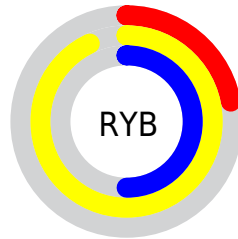
Distribution



Red (64%)

Green (93%)

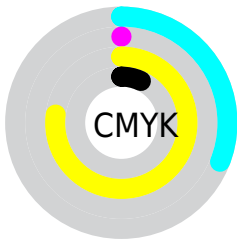
Blue (22%)



Red (22%)

Yellow (93%)

Blue (50%)

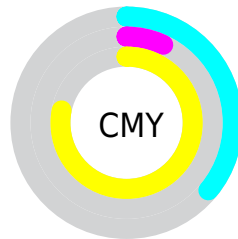


Cyan (31%)

Magenta (0%)

Yellow (77%)

Black (7%)



Cyan (36%)

Magenta (7%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4250, -68.7365, -26.6827 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 194.4250, -68.7365, -26.6827 by changing the saturation by 10% instead.

■ 194.4250,
-68.7365, -26.6827

■ 194.4250,
-68.7365, -26.6827

255.0000, 0.0000,
0.0000

■ 163.4870,
-76.1621, -24.9831

■ 229.4720,
-56.4347, -5.6759

■ 137.9410,
-68.0049, -28.0123

■ 242.0470,
-48.3372, 10.4828

■ 112.5350,
-55.4798, -32.0412

■ 245.6520,
-35.8174, 8.1982

■ 87.7050, -43.2386,
-38.3293

■ 248.9580,
-23.1503, 5.2988

■ 59.2870, -29.2285,
-51.9947

■ 252.3780,
-10.0464, 2.2995

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 194.4250,
-68.7365, -26.6827

■ 194.4250,
-68.7365, -26.6827

■ 188.6990,
-77.7456, -30.4310

■ 200.1510,
-59.7274, -22.9344

■ 183.3860,
-86.4653, -33.6645

■ 205.4640,
-51.0078, -19.7009

■ 181.5770,
-89.5175, -34.7090

■ 211.1900,
-41.9987, -15.9526

■ 216.6170,
-32.8422, -12.8191

■ 222.3430,
-23.8331, -9.0708

■ 227.6560,
-15.1134, -5.8373

■ 233.3820, -6.1043,
-2.0890

■ 238.8090, 3.0522,
1.0445

■ 242.9390, 5.9461,
6.1925

Harmonies

Analogous

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



200.9550, -99.0708, 43.0125



194.4250, -68.7365, -26.6827



162.1400, -13.3800, -142.1968

Triad

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



194.4250, -68.7365, -26.6827



172.8850, 40.4827, -151.6201



176.7230, 17.3916, 68.6489

Complementary

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



194.4250, -68.7365, -26.6827



97.5750, 68.7365, 26.6827

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.



193.9520, 30.0967, 53.5391



194.4250, -68.7365, -26.6827



160.5580, 46.5599, -140.8094

Square

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



194.4250, -68.7365, -26.6827



178.1680, 37.8782, -156.2533



207.8750, 23.2326, 15.0186



177.3540, -23.3455, 68.0955

Rectangle

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



194.4250, -68.7365, -26.6827



170.9860, 10.3599, -149.9547



207.8750, 23.2326, 15.0186



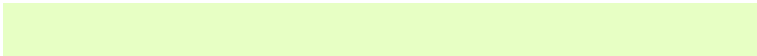
181.6760, 28.7537, 64.3051

Sweetspot

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



194.4250, -68.7365, -26.6827



241.0980, -22.2333, -8.8559



152.2690, -47.9536, 74.3091



119.4110, -13.5136, -5.6224



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.



194.4250, -68.7365, -26.6827



200.1040, -88.7913, -34.2942



167.2160, -55.3225, -82.6274



114.5500, -4.2152, -1.3594



138.5390, -68.2997, -26.7827



41.2660, -20.3441, -8.1263

Inverse Universe

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



97.5750, 68.7365, 26.6827



74.8960, 88.7913, 34.2942



124.7840, 55.3225, 82.6274



108.4500, 4.2152, 1.3594



42.4610, 68.2997, 26.7827



12.4350, 20.4915, 7.5115

Previews

White Background



This preview shows how the YUV color 194.4250, -68.7365, -26.6827 looks on a white background.

Color Contrast Check

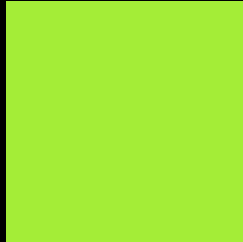
Large Text (above 18pt) WCAG AA × Fail

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 194.4250, -68.7365, -26.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

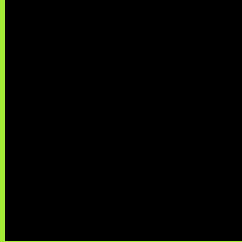
Any Text WCAG AA ✓ Pass

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 194.4250, -68.7365, -26.6827 Background



This preview shows how black text looks on a background with the YUV color 194.4250, -68.7365, -26.6827.



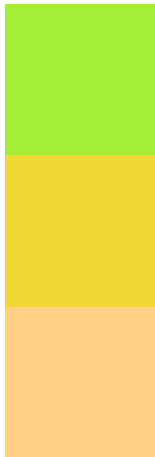
This preview shows how white text looks on a background with the YUV color 194.4250, -68.7365, -26.6827.

-26.6827.

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

194.4250, -68.7365, -26.6827

Protanopia

204.8500, -76.3410, 32.5806

Deuteranopia

212.9160, -39.3986, 36.9077



Tritanopia

212.4730, 12.5848, -23.2168

Trichromacy



Original Color

194.4250, -68.7365, -26.6827

Protanomaly

201.4020, -73.6552, 11.0484

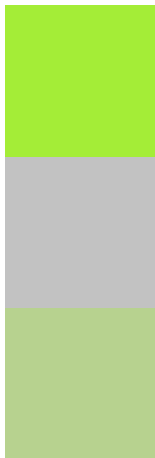
Deuteranomaly

206.3140, -49.9478, 13.7566

Tritanomaly

205.9650, -17.2377, -24.5253

Monochromacy



Original Color

194.4250, -68.7365, -26.6827

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2890, -25.2855, -9.9005

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4250, -68.7365, -26.6827 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, 237, 55)` looks like.

```
.text, #text, p{  
    color:rgb(164, 237, 55)  
}
```

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, 237, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 237, 55) }
```

Border

The CSS property to change the border of an element to YUV 194.4250, -68.7365, -26.6827 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, 237, 55) }
```


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

```
.border{ border-color:rgb(164, 237, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 237, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 237, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 237, 55);  
box-shadow:4px 4px 4px 4px rgb(164, 237,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 194.4250, -68.7365, -26.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 237, 55) }
```

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

```
.background{ background-color: rgb(164,  
237, 55) }
```

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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