

Converting Colors

YUV(195.4260, -70.2160,
-18.7906)

Have a look what the booklet for
YUV(195.4260, -70.2160, -18.7906)
contains.

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Color

**YUV(195.4260, -70.2160,
-18.7906)**

Conversions

Conversions Part 1

Format	Color
Hex	AEEA35
RGB	174, 234, 53
RGB Percent	68%, 92%, 21%
CMY	0.3176, 0.0824, 0.7922
CMYK	0.26, 0.00, 0.77, 0.08
HSL	80°, 81%, 56%
HSV	80°, 77%, 92%
XYZ	47.5210, 68.1013, 14.0084
YIQ	195.4260, 22.3410, -69.0110

Conversions

Conversions Part 2

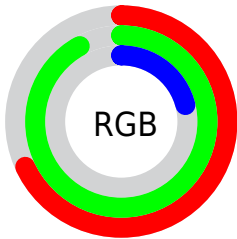
Format	Color
RYB	53, 234, 113
Decimal	11463221
CIELab	86.06, -43.06, 75.00
CIELCh	86, 86.477, 119.862
Yxy	68.1013, 0.3666, 0.5253
Android (android.graphics.Color)	4289653301 (0xFFAEEA35)
YUV	195.4260, -70.2160, -18.7906
Hunter-Lab	82.5235, -41.6274, 47.7020

Details

The YUV color **195.4260, -70.2160, -18.7906** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **91.5740, 70.2160, 18.7906**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3480, -58.3456, 0.5718**, and **139.1700, -68.6108, -20.3201** is the 20% darker color. If you saturate the color by 10%, you get **190.4120, -79.0831, -21.4093**, and if you desaturate by 10%, it is **200.4400, -61.3489, -16.1719**.

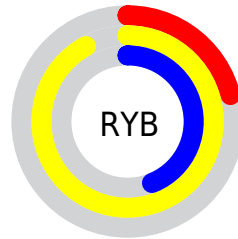
Distribution



Red (68%)

Green (92%)

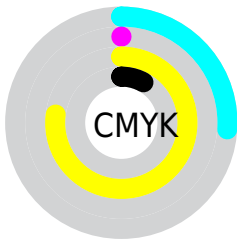
Blue (21%)



Red (21%)

Yellow (92%)

Blue (44%)

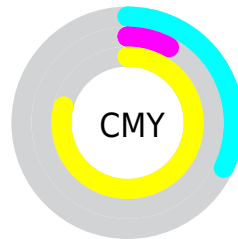


Cyan (26%)

Magenta (0%)

Yellow (77%)

Black (8%)



Cyan (32%)

Magenta (8%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.4260, -70.2160, -18.7906 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 195.4260, -70.2160, -18.7906 by changing the saturation by 10% instead.

195.4260,
-70.2160, -18.7906

195.4260,
-70.2160, -18.7906

255.0000, 0.0000,
0.0000

164.7330,
-79.2414, -17.3058

232.3480,
-58.3456, 0.5718

139.1700,
-68.6108, -20.3201

242.2320,
-48.9214, 11.1975

114.6500,
-56.5224, -24.2491

245.4240,
-36.6910, 8.3982

90.7170, -44.7235,
-28.6928

248.8440,
-23.5871, 5.3988

64.6910, -31.8927,
-37.4400

252.1500,
-10.9200, 2.4994

44.0250, -21.7043,
-38.6099

29.9370, -14.7589,

-26.2547

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 195.4260,
-70.2160, -18.7906

■ 195.4260,
-70.2160, -18.7906

■ 190.4120,
-79.0831, -21.4093

■ 200.4400,
-61.3489, -16.1719

■ 185.2840,
-88.3870, -23.9281

■ 205.5680,
-52.0450, -13.6531

■ 184.0020,
-90.7130, -24.5578

■ 210.2830,
-43.0305, -11.6492

■ 215.4110,
-33.7266, -9.1304

■ 220.4250,
-24.8595, -6.5117

■ 225.4390,
-15.9924, -3.8930

■ 230.2680, -6.5411,
-1.9890

■ 235.2820, 2.3260,
0.6297

■ 239.3840, 7.6987,
4.0482

Harmonies

Analogous

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



200.2160, -98.2135, 48.0456



195.4260, -70.2160, -18.7906



159.5810, -15.5694, -139.9525

Triad

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



195.4260, -70.2160, -18.7906



172.2980, 40.7721, -151.1053



179.2820, 19.5810, 66.4047

Complementary

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



195.4260, -70.2160, -18.7906



91.5740, 70.2160, 18.7906

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.



196.8870, 28.6497, 50.9651



195.4260, -70.2160, -18.7906



161.1450, 46.2705, -141.3242

Square

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



195.4260, -70.2160, -18.7906



177.5810, 38.1676, -155.7385



206.3360, 23.9914, 4.9673



177.2060, -18.8356, 68.2253

Rectangle

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



195.4260, -70.2160, -18.7906



168.9000, 7.4443, -148.1253



206.3360, 23.9914, 4.9673



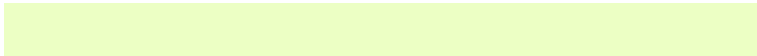
184.8220, 30.6538, 61.5461

Sweetspot

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



195.4260, -70.2160, -18.7906



242.5930, -22.9703, -5.7821



140.5780, -43.1760, 81.9311



120.3080, -13.9558, -3.7781



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.



195.4260, -70.2160, -18.7906



204.3610, -91.8760, -24.8726



169.1140, -57.2442, -72.8910



114.5500, -4.2152, -1.3594



142.4260, -70.2160, -18.7906



42.4620, -20.9338, -5.6672

Inverse Universe

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



91.5740, 70.2160, 18.7906



68.3400, 92.0234, 24.2578



117.8860, 57.2442, 72.8910



108.1510, 4.3626, 0.7446



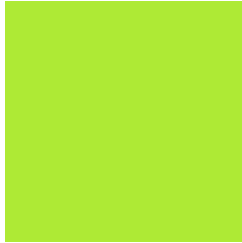
38.5740, 70.2160, 18.7906



11.5380, 20.9338, 5.6672

Previews

White Background



This preview shows how the YUV color 195.4260, -70.2160, -18.7906 looks on a white background.

Color Contrast Check

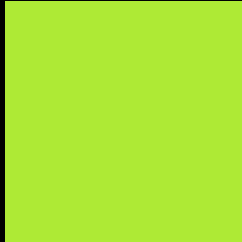
Large Text (above 18pt) WCAG AA × Fail

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 195.4260, -70.2160, -18.7906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

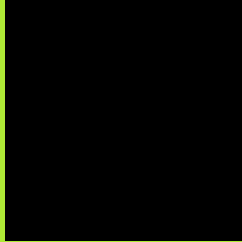
Any Text WCAG AA ✓ Pass

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 195.4260, -70.2160, -18.7906 Background



This preview shows how black text looks on a background with the YUV color 195.4260, -70.2160, -18.7906.



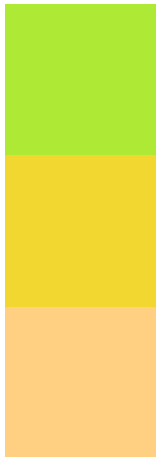
This preview shows how white text looks on a background with the YUV color 195.4260, -70.2160, -18.7906.

-18.7906.

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

195.4260, -70.2160, -18.7906

Protanopia

203.7360, -76.7778, 32.6805

Deuteranopia

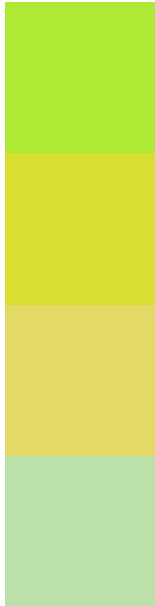
212.5740, -40.7090, 37.2076



Tritanopia

213.0610, 10.8159, -15.8395

Trichromacy



Original Color

195.4260, -70.2160, -18.7906

Protanomaly

200.8970, -74.3922, 14.1223

Deuteranomaly

206.5810, -51.5584, 17.0305

Tritanomaly

206.6670, -18.5698, -17.2480

Monochromacy



Original Color

195.4260, -70.2160, -18.7906

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8980, -25.5857, -6.9265

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4260, -70.2160, -18.7906 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(174, 234, 53)` looks like.

```
.text, #text, p{  
    color:rgb(174, 234, 53)  
}
```

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(174, 234, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 234, 53) }
```

Border

The CSS property to change the border of an element to YUV 195.4260, -70.2160, -18.7906 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(174, 234, 53) }
```


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

```
.border{ border-color:rgb(174, 234, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 234, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 234, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 234, 53);  
box-shadow:4px 4px 4px 4px rgb(174, 234,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 195.4260, -70.2160, -18.7906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 234, 53) }
```

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

```
.background{ background-color: rgb(174,  
234, 53) }
```

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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