

Converting Colors

YUV(196.4470, -68.7474,
-23.1940)

Have a look what the booklet for
YUV(196.4470, -68.7474, -23.1940)
contains.

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Color

**YUV(196.4470, -68.7474,
-23.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	AAED39
RGB	170, 237, 57
RGB Percent	67%, 93%, 22%
CMY	0.3333, 0.0706, 0.7765
CMYK	0.28, 0.00, 0.76, 0.07
HSL	82°, 83%, 58%
HSV	82°, 76%, 93%
XYZ	47.6003, 69.4098, 14.7595
YIQ	196.4470, 17.8480, -70.1840

Conversions

Conversions Part 2

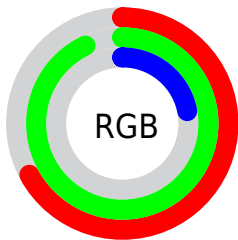
Format	Color
RYB	57, 237, 124
Decimal	11201849
CIELab	86.71, -45.64, 74.34
CIELCh	87, 87.232, 121.545
Yxy	69.4098, 0.3612, 0.5268
Android (android.graphics.Color)	4289391929 (0xFFAAED39)
YUV	196.4470, -68.7474, -23.1940
Hunter-Lab	83.3126, -43.8118, 47.8151

Details

The YUV color **196.4470, -68.7474, -23.1940** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **97.5530, 68.7474, 23.1940**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4940, -56.4455, -2.1872**, and **139.7350, -68.8894, -24.3236** is the 20% darker color. If you saturate the color by 10%, you get **191.0200, -77.9039, -26.3275**, and if you desaturate by 10%, it is **201.8740, -59.5909, -20.0605**.

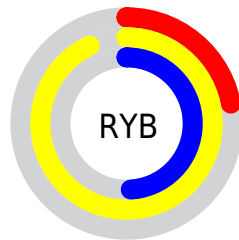
Distribution



Red (67%)

Green (93%)

Blue (22%)



Red (22%)

Yellow (93%)

Blue (49%)

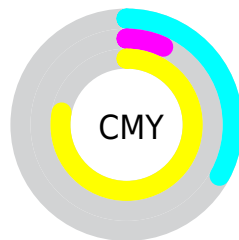


Cyan (28%)

Magenta (0%)

Yellow (76%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4470, -68.7474, -23.1940 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 196.4470, -68.7474, -23.1940 by changing the saturation by 10% instead.

■ 196.4470,
-68.7474, -23.1940

■ 196.4470,
-68.7474, -23.1940

■ 255.0000, 0.0000,
0.0000

■ 166.4380,
-75.1519, -22.3091

■ 231.4940,
-56.4455, -2.1872

■ 139.7350,
-68.8894, -24.3236

■ 242.5740,
-47.6110, 10.8976

■ 115.2150,
-56.8010, -28.2526

■ 245.8800,
-34.9438, 7.9982

■ 90.0970, -44.4178,
-33.4111

■ 249.1860,
-22.2767, 5.0989

■ 63.1630, -31.1394,
-45.7470

■ 252.4920, -9.6096,
2.1995

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 196.4470,
-68.7474, -23.1940

■ 196.4470,
-68.7474, -23.1940

■ 191.0200,
-77.9039, -26.3275

■ 201.8740,
-59.5909, -20.0605

■ 185.7070,
-86.6236, -29.5610

■ 207.1870,
-50.8712, -16.8270

■ 183.6700,
-90.5493, -30.4056

■ 212.3150,
-41.5673, -14.3083

■ 217.7420,
-32.4108, -11.1747

■ 223.0550,
-23.6911, -7.9412

■ 228.4820,
-14.5346, -4.8077

■ 233.9090, -5.3781,
-1.6742

■ 239.3360, 3.7784,
1.4593

■ 242.6400, 6.0935,
5.5777

Harmonies

Analogous

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



202.1510, -99.6604, 45.4716



196.4470, -68.7474, -23.1940



162.0260, -13.8168, -142.0968

Triad

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



196.4470, -68.7474, -23.1940



173.4720, 40.1933, -152.1349



178.9400, 18.2706, 66.7046

Complementary

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



196.4470, -68.7474, -23.1940



97.5530, 68.7474, 23.1940

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



196.4470, -68.7474, -23.1940



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.



196.4470, -68.7474, -23.1940



178.7550, 37.5888, -156.7681



208.4400, 22.9541, 11.0151



178.5110, -21.4509, 67.0809

Rectangle

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



196.4470, -68.7474, -23.1940



170.7580, 9.4863, -149.7548



208.4400, 22.9541, 11.0151



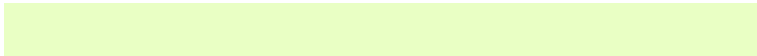
184.4800, 29.3434, 61.8460

Sweetspot

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



196.4470, -68.7474, -23.1940



241.6960, -22.5281, -7.6264



149.5620, -45.6331, 76.6831



119.7100, -13.6610, -5.0077



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.



196.4470, -68.7474, -23.1940



202.8380, -88.6601, -29.6759



169.8360, -55.6281, -77.9092



114.5500, -4.2152, -1.3594



140.3330, -69.1842, -23.0940



41.8640, -20.6390, -6.8967

Inverse Universe

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



97.5530, 68.7474, 23.1940



75.1620, 88.6601, 29.6759



124.1640, 55.6281, 77.9092



108.4500, 4.2152, 1.3594



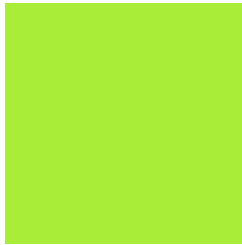
40.6670, 69.1842, 23.0940



12.1360, 20.6390, 6.8967

Previews

White Background



This preview shows how the YUV color 196.4470, -68.7474, -23.1940 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 196.4470, -68.7474, -23.1940 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 196.4470, -68.7474, -23.1940 Background



This preview shows how black text looks on a background with the YUV color 196.4470, -68.7474, -23.1940.



This preview shows how white text looks on a background with the YUV color 196.4470, -68.7474, -23.1940.

-23.1940.

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

196.4470, -68.7474, -23.1940

Protanopia

205.9640, -75.9043, 32.4806

Deuteranopia

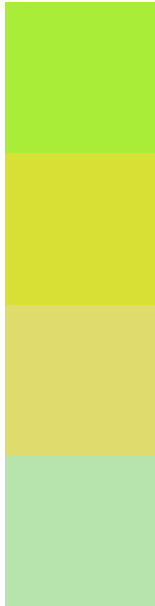
214.6600, -37.7934, 35.3782



Tritanopia

214.0820, 12.2846, -20.2429

Trichromacy



Original Color

196.4470, -68.7474, -23.1940

Protanomaly

202.2280, -73.0764, 12.0780

Deuteranomaly

207.9550, -48.7848, 14.0715

Tritanomaly

207.6880, -17.1012, -21.6514

Monochromacy



Original Color

196.4470, -68.7474, -23.1940

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.3000, -25.2909, -8.1561

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4470, -68.7474, -23.1940 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(170, 237, 57)` looks like.

```
.text, #text, p{  
    color:rgb(170, 237, 57)  
}
```

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(170, 237, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 237, 57) }
```

Border

The CSS property to change the border of an element to YUV 196.4470, -68.7474, -23.1940 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(170, 237, 57) }
```


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

```
.border{ border-color:rgb(170, 237, 57) }
```

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

Here you see how a box with a 4 pixel rgb(170, 237, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 237, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 237, 57);  
box-shadow:4px 4px 4px 4px rgb(170, 237,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 196.4470, -68.7474, -23.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 237, 57) }
```

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

```
.background{ background-color: rgb(170,  
237, 57) }
```

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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