

Converting Colors

YUV(193.8240, -70.4122,
-2.4766)

Have a look what the booklet for
YUV(193.8240, -70.4122, -2.4766)
contains.

YUV(193.8240, -70.4122, -2.4766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(193.8240, -70.4122,
-2.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDF33
RGB	191, 223, 51
RGB Percent	75%, 87%, 20%
CMY	0.2510, 0.1255, 0.8000
CMYK	0.14, 0.00, 0.77, 0.13
HSL	71°, 73%, 54%
HSV	71°, 77%, 87%
XYZ	48.4711, 64.0907, 12.9480
YIQ	193.8240, 36.1400, -60.2760

Conversions

Conversions Part 2

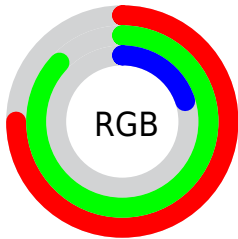
Format	Color
RYB	51, 223, 83
Decimal	12574515
CIELab	84.01, -31.62, 74.09
CIElCh	84, 80.551, 113.113
Yxy	64.0907, 0.3862, 0.5106
Android (android.graphics.Color)	4290764595 (0xFFBFD333)
YUV	193.8240, -70.4122, -2.4766
Hunter-Lab	80.0567, -32.0247, 46.4504

Details

The YUV color **193.8240, -70.4122, -2.4766** is a light color, and the websafe version is hex **99CC00**. The color can be described as light muted chartreuse. A complement of this color would be **80.1760, 70.4122, 2.4766**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3880, -62.3093, 11.9377**, and **138.3830, -68.2228, -4.7209** is the 20% darker color. If you saturate the color by 10%, you get **190.1200, -79.4322, -2.7362**, and if you desaturate by 10%, it is **197.5280, -61.3923, -2.2171**.

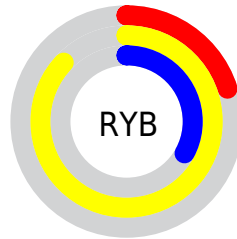
Distribution



Red (75%)

Green (87%)

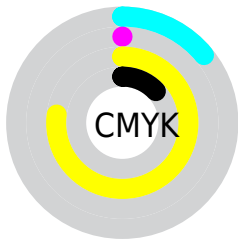
Blue (20%)



Red (20%)

Yellow (87%)

Blue (33%)

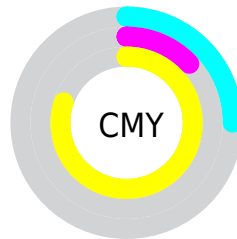


Cyan (14%)

Magenta (0%)

Yellow (77%)

Black (13%)



Cyan (25%)

Magenta (13%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8240, -70.4122, -2.4766 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 193.8240, -70.4122, -2.4766 by changing the saturation by 10% instead.

■ 193.8240,
-70.4122, -2.4766

■ 193.8240,
-70.4122, -2.4766

255.0000, 0.0000,
0.0000

■ 163.1310,
-79.4376, -0.9919

■ 237.3880,
-62.3093, 11.9377

■ 138.3830,
-68.2228, -4.7209

■ 241.8900,
-50.2318, 11.4975

■ 114.1620,
-56.2819, -8.0351

■ 245.1960,
-37.5646, 8.5981

■ 91.1150, -44.9197,
-12.3789

■ 248.5020,
-24.8975, 5.6987

■ 68.0680, -33.5575,
-16.7226

■ 251.8080,
-12.2303, 2.7994

■ 44.4120, -21.8951,
-24.0403

■ 25.8280, -12.7332,

-22.6512

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 193.8240,
-70.4122, -2.4766

■ 193.8240,
-70.4122, -2.4766

■ 190.1200,
-79.4322, -2.7362

■ 197.5280,
-61.3923, -2.2171

■ 186.3020,
-88.8889, -2.8959

■ 201.3460,
-51.9356, -2.0574

■ 185.3190,
-91.3623, -2.9108

■ 205.0500,
-42.9156, -1.7978

■ 209.0530,
-34.0431, -0.9235

■ 212.8710,
-24.5864, -0.7639

■ 216.5750,
-15.5665, -0.5043

■ 220.2790, -6.5465,
-0.2447

■ 223.9830, 2.4734,
0.0149

■ 227.8010, 11.9301,
0.1745

Harmonies

Analogous

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



197.9770, -78.8687, 50.0092



193.8240, -70.4122, -2.4766



178.6120, -32.3467, -78.5897

Triad

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



193.8240, -70.4122, -2.4766



169.3630, 42.2190, -148.5314



183.4710, 22.9388, 62.7309

Complementary

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



193.8240, -70.4122, -2.4766



80.1760, 70.4122, 2.4766

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.



200.9960, 26.6240, 47.3615



193.8240, -70.4122, -2.4766



159.9710, 46.8493, -140.2946

Square

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



193.8240, -70.4122, -2.4766



172.8850, 40.4827, -151.6201



197.6320, 28.2824, -18.0943



176.6820, -10.6892, 68.6849

Rectangle

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



193.8240, -70.4122, -2.4766



161.2230, 0.8761, -141.3926



197.6320, 28.2824, -18.0943



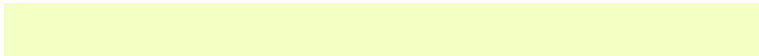
189.8430, 32.1224, 57.1427

Sweetspot

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



193.8240, -70.4122, -2.4766



244.9850, -24.1496, -0.8638



121.2120, -34.6145, 89.2681



121.8030, -14.6929, -0.7042



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.



193.8240, -70.4122, -2.4766



214.8260, -97.0352, -3.3554



168.1100, -57.7352, -55.3475



110.1480, -4.5100, -0.1298



146.0690, -72.0120, -2.6915



39.8370, -19.6396, -0.7340

Inverse Universe

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



80.1760, 70.4122, 2.4766



58.1740, 97.0352, 3.3554



105.8900, 57.7352, 55.3475



102.8520, 4.5100, 0.1298



29.9310, 72.0120, 2.6915



8.1630, 19.6396, 0.7340

Previews

White Background



This preview shows how the YUV color 193.8240, -70.4122, -2.4766 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 193.8240, -70.4122, -2.4766 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 193.8240, -70.4122, -2.4766

Background



This preview shows how black text looks on a background with the YUV color 193.8240, -70.4122, -2.4766.



This preview shows how white text looks on a background with the YUV color 193.8240, -70.4122, -2.4766.

-2.4766.

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

193.8240, -70.4122, -2.4766

Protanopia

198.4200, -74.1571, 32.0807

Deuteranopia

205.2730, -50.9136, 43.6106



Tritanopia

209.8240, 6.9888, -1.5996

Trichromacy



Original Color

193.8240, -70.4122, -2.4766

Protanomaly

196.6850, -72.8087, 19.5703

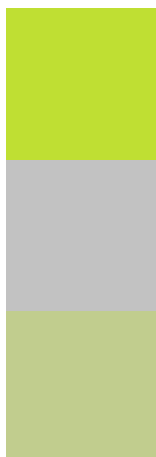
Deuteranomaly

200.9260, -58.1375, 27.2519

Tritanomaly

203.7830, -21.0920, -1.5637

Monochromacy



Original Color

193.8240, -70.4122, -2.4766

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2300, -25.7494, -1.0787

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8240, -70.4122, -2.4766 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(191, 223, 51)` looks like.

```
.text, #text, p{  
    color:rgb(191, 223, 51)  
}
```

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(191, 223, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 223, 51) }
```

Border

The CSS property to change the border of an element to YUV 193.8240, -70.4122, -2.4766 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(191, 223, 51) }
```


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

```
.border{ border-color:rgb(191, 223, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 223, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 223, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 223, 51);  
box-shadow:4px 4px 4px 4px rgb(191, 223,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 193.8240, -70.4122, -2.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 223, 51) }
```

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

```
.background{ background-color: rgb(191,  
223, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor