

Converting Colors

YUV(193.4670, -58.8972,
-9.1796)

Have a look what the booklet for
YUV(193.4670, -58.8972, -9.1796)
contains.

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Color

**YUV(193.4670, -58.8972,
-9.1796)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DE4A
RGB	183, 222, 74
RGB Percent	72%, 87%, 29%
CMY	0.2824, 0.1294, 0.7098
CMYK	0.18, 0.00, 0.67, 0.13
HSL	76°, 69%, 58%
HSV	76°, 67%, 87%
XYZ	46.8857, 62.8042, 16.1299
YIQ	193.4670, 24.2640, -54.2960

Conversions

Conversions Part 2

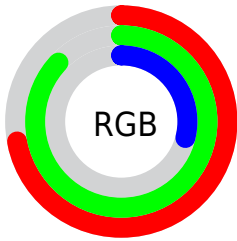
Format	Color
RYB	74, 222, 113
Decimal	12049994
CIELab	83.34, -33.12, 65.45
CIELCh	83, 73.353, 116.841
Yxy	62.8042, 0.3726, 0.4992
Android (android.graphics.Color)	4290240074 (0xFFB7DE4A)
YUV	193.4670, -58.8972, -9.1796
Hunter-Lab	79.2491, -33.0810, 43.4069

Details

The YUV color **193.4670, -58.8972, -9.1796** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **102.5330, 58.8972, 9.1796**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8630, -52.6835, 4.5051**, and **135.7030, -66.9016, -8.5095** is the 20% darker color. If you saturate the color by 10%, you get **189.1650, -67.6223, -10.6687**, and if you desaturate by 10%, it is **197.7690, -50.1721, -7.6904**.

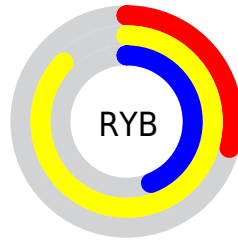
Distribution



Red (72%)

Green (87%)

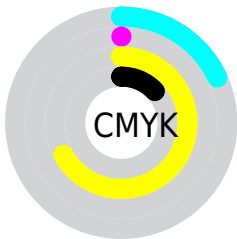
Blue (29%)



Red (29%)

Yellow (87%)

Blue (44%)

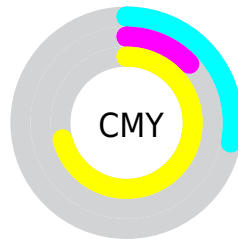


Cyan (18%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (28%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4670, -58.8972, -9.1796 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 193.4670, -58.8972, -9.1796 by changing the saturation by 10% instead.

■ 193.4670,
-58.8972, -9.1796

■ 193.4670,
-58.8972, -9.1796

255.0000, 0.0000,
0.0000

■ 164.9400,
-59.6234, -9.5944

■ 236.8630,
-52.6835, 4.5051

■ 135.7030,
-66.9016, -8.5095

■ 243.9420,
-42.3694, 9.6979

■ 111.4820,
-54.9606, -11.8237

■ 247.1340,
-30.1391, 6.8985

■ 88.7340, -43.7459,
-15.5527

■ 250.4400,
-17.4719, 3.9991

■ 65.6870, -32.3837,
-19.8965

■ 253.7460, -4.8048,
1.0998

■ 41.4330, -20.4265,
-28.4437

■ 25.2410, -12.4438,

-22.1364

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 193.4670,
-58.8972, -9.1796

■ 193.4670,
-58.8972, -9.1796

■ 189.1650,
-67.6223, -10.6687

■ 197.7690,
-50.1721, -7.6904

■ 184.8630,
-76.3475, -12.1579

■ 202.0710,
-41.4470, -6.2013

■ 180.4470,
-85.5094, -13.5470

■ 206.4870,
-32.2851, -4.8121

■ 179.0510,
-88.2721, -14.0767

■ 210.4900,
-23.4126, -3.9377

■ 214.7920,
-14.6875, -2.4486

■ 219.0940, -5.9623,
-0.9594

■ 223.3960, 2.7628,
0.5297

■ 227.8120, 11.9247,
1.9189

■ 229.9480, 12.3506,
5.3076

Harmonies

Analogous

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



200.2350, -70.1219, 44.5209



193.4670, -58.8972, -9.1796



178.8490, -25.0686, -79.6746

Triad

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



193.4670, -58.8972, -9.1796



165.8410, 43.9554, -145.4426



185.6250, 15.9609, 60.8419

Complementary

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



193.4670, -58.8972, -9.1796



102.5330, 58.8972, 9.1796

Split Complementary

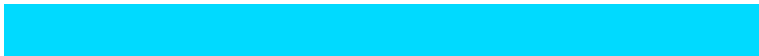
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.9960, 26.6240, 47.3615



193.4670, -58.8972, -9.1796



157.0360, 48.2963, -137.7206

Square

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



193.4670, -58.8972, -9.1796



169.9500, 41.9297, -149.0461



200.3780, 26.9286, -3.8395



181.2810, -15.9145, 64.6516

Rectangle

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



193.4670, -58.8972, -9.1796



160.1290, 6.8384, -140.4331



200.3780, 26.9286, -3.8395



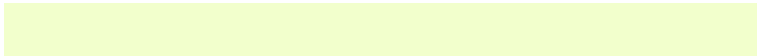
190.5950, 24.8497, 56.4832

Sweetspot

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



193.4670, -58.8972, -9.1796



245.2990, -20.3604, -2.8932



139.9710, -32.5237, 71.9394



121.7750, -12.2141, -2.4337



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.



193.4670, -58.8972, -9.1796



215.5980, -81.1468, -12.8024



171.9390, -48.2839, -53.4435



109.8490, -4.3626, -0.7446



142.1820, -70.0957, -10.6836



38.9400, -19.1974, -2.5784

Inverse Universe

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



102.5330, 58.8972, 9.1796



90.4020, 81.1468, 12.8024



124.0610, 48.2839, 53.4435



103.1510, 4.3626, 0.7446



33.8180, 70.0957, 10.6836



9.3590, 19.0500, 3.1932

Previews

White Background



This preview shows how the YUV color 193.4670, -58.8972, -9.1796 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 193.4670, -58.8972, -9.1796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

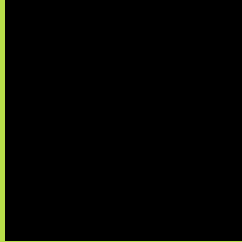
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.4670, -58.8972, -9.1796

Background



This preview shows how black text looks on a background with the YUV color 193.4670, -58.8972, -9.1796.



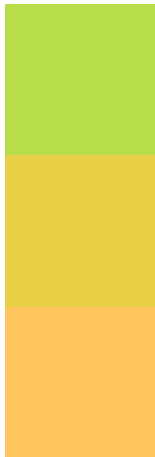
This preview shows how white text looks on a background with the YUV color 193.4670, -58.8972, -9.1796.

-9.1796.

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

193.4670, -58.8972, -9.1796

Protanopia

198.8570, -63.5265, 29.0664

Deuteranopia

202.7140, -53.1030, 45.8548



Tritanopia

207.4320, 8.1680, -6.5179

Trichromacy



Original Color

193.4670, -58.8972, -9.1796

Protanomaly

196.5240, -61.8833, 15.3265

Deuteranomaly

199.3110, -55.3693, 26.0373

Tritanomaly

202.3030, -16.4184, -7.2817

Monochromacy



Original Color

193.4670, -58.8972, -9.1796

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.3590, -21.3760, -3.8228

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4670, -58.8972, -9.1796 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(183, 222, 74)` looks like.

```
.text, #text, p{  
    color:rgb(183, 222, 74)  
}
```

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(183, 222, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 222, 74) }
```

Border

The CSS property to change the border of an element to YUV 193.4670, -58.8972, -9.1796 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(183, 222, 74) }
```


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

```
.border{ border-color:rgb(183, 222, 74) }
```

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

Here you see how a box with a 4 pixel rgb(183, 222, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 222, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 222, 74);  
box-shadow:4px 4px 4px 4px rgb(183, 222,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 193.4670, -58.8972, -9.1796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 222, 74) }
```

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

```
.background{ background-color: rgb(183,  
222, 74) }
```

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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