

Converting Colors

YUV(193.2860, -27.7490,
-59.8868)

Have a look what the booklet for
YUV(193.2860, -27.7490, -59.8868)
contains.

YUV(193.2860, -27.7490, -59.8868)	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(193.2860, -27.7490,
-59.8868)**

Conversions

Conversions Part 1

Format	Color
Hex	7DEF89
RGB	125, 239, 137
RGB Percent	49%, 94%, 54%
CMY	0.5098, 0.0627, 0.4627
CMYK	0.48, 0.00, 0.43, 0.06
HSL	126°, 78%, 71%
HSV	126°, 48%, 94%
XYZ	43.8393, 67.8991, 34.4622
YIQ	193.2860, -35.2020, -55.8900

Conversions

Conversions Part 2

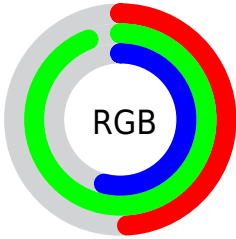
Format	Color
RYB	125, 228, 239
Decimal	8253321
CIELab	85.96, -53.15, 39.49
CIELCh	86, 66.211, 143.388
Yxy	67.8991, 0.2999, 0.4644
Android (android.graphics.Color)	4286443401 (0xFF7DEF89)
YUV	193.2860, -27.7490, -59.8868
Hunter-Lab	82.4009, -49.2352, 32.8840

Details

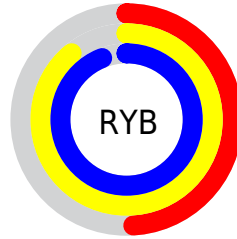
The YUV color **193.2860, -27.7490, -59.8868** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **170.7140, 27.7490, 59.8868**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2900, -16.9050, -37.9653**, and **135.9590, -25.1228, -62.2310** is the 20% darker color. If you saturate the color by 10%, you get **183.7160, -33.3840, -72.5419**, and if you desaturate by 10%, it is **202.8560, -22.1140, -47.2317**.

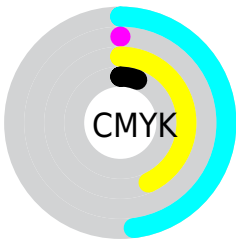
Distribution



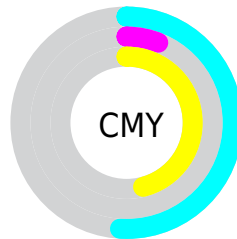
- Red (49%)
- Green (94%)
- Blue (54%)



- Red (49%)
- Yellow (89%)
- Blue (94%)



- Cyan (48%)
- Magenta (0%)
- Yellow (43%)
- Black (6%)



- Cyan (51%)
- Magenta (6%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2860, -27.7490, -59.8868 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 193.2860, -27.7490, -59.8868 by changing the saturation by 10% instead.

■ 193.2860,
-27.7490, -59.8868

■ 193.2860,
-27.7490, -59.8868

255.0000, 0.0000,
0.0000

■ 164.6280,
-26.4386, -60.1868

■ 226.2900,
-16.9050, -37.9653

■ 135.9590,
-25.1228, -62.2310

■ 238.4520, -9.0968,
-22.3214

■ 105.5990,
-22.4803, -69.8083

■ 250.7280, -0.8519,
-6.7775

■ 79.1260, -21.7541,
-69.3935

■ 60.5580, -26.8971,
-53.1094

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 193.2860,
-27.7490, -59.8868

■ 193.2860,
-27.7490, -59.8868

■ 183.7160,
-33.3840, -72.5419

■ 202.8560,
-22.1140, -47.2317

■ 174.0320,
-39.4558, -85.0971


■ 212.5400,
-16.0422, -34.6766


■ 164.4620,
-45.0908, -97.7522


■ 222.1100,
-10.4072, -22.0215

■ 154.7780,
-51.1626, -110.3073

■ 231.7940, -4.3354,
-9.4663

 145.2080,
-56.7975, -122.9624

 241.0650, 1.4470,
2.5740

 143.1430,
-58.2445, -125.5364

 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



203.6620, -54.5564, -1.4576



193.2860, -27.7490, -59.8868



166.3870, 15.5852, -145.9214

Triad

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



193.2860, -27.7490, -59.8868



161.7320, 45.9811, -141.8390



191.7790, -11.2300, 55.4448

Complementary

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



193.2860, -27.7490, -59.8868



170.7140, 27.7490, 59.8868

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.



197.2000, 17.1564, 50.6906



193.2860, -27.7490, -59.8868



207.1230, 23.6034, -10.6319

Square

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



193.2860, -27.7490, -59.8868



169.9500, 41.9297, -149.0461



210.3880, 21.9937, 39.1247



196.8900, -39.8788, 50.9625

Rectangle

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



193.2860, -27.7490, -59.8868



171.9900, 34.5149, -150.8352



210.3880, 21.9937, 39.1247



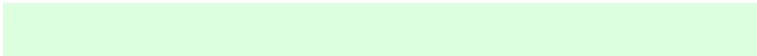
192.2980, -1.6259, 54.9897

Sweetspot

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



193.2860, -27.7490, -59.8868



240.5880, -8.6709, -18.9327



222.7150, -48.1735, 4.6349



119.1420, -5.4930, -11.5255



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.



193.2860, -27.7490, -59.8868



196.8250, -35.4097, -76.1455



199.6700, -3.2883, -65.4856



115.1580, -3.0359, -6.2776



110.1740, -44.9488, -96.6226



33.5560, -13.5851, -29.4286

Inverse Universe

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



170.7140, 27.7490, 59.8868



168.1750, 35.4097, 76.1455



164.3300, 3.2883, 65.4856



112.8420, 3.0359, 6.2776



73.7120, 44.5120, 96.7226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 193.2860, -27.7490, -59.8868 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 193.2860, -27.7490, -59.8868 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 193.2860, -27.7490, -59.8868 Background



This preview shows how black text looks on a background with the YUV color 193.2860, -27.7490, -59.8868.



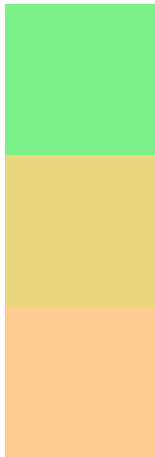
This preview shows how white text looks on a background with the YUV color 193.2860, -27.7490, -59.8868.

-59.8868.

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

193.2860, -27.7490, -59.8868

Protanopia

210.0620, -40.9496, 20.9936

Deuteranopia

212.6370, -32.8520, 37.1524



Tritanopia

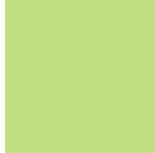
205.1430, 19.6495, -49.2374

Trichromacy



Original Color

193.2860, -27.7490, -59.8868



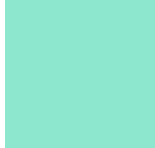
Protanomaly

203.8410, -35.9106, -8.6306



Deuteranomaly

205.8730, -30.9964, 1.8654



Tritanomaly

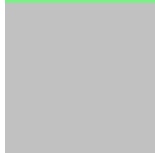
200.9410, 2.4941, -53.4453

Monochromacy



Original Color

193.2860, -27.7490, -59.8868



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.2240, -9.9704, -22.1214

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2860, -27.7490, -59.8868 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(125, 239, 137)` looks like.

```
.text, #text, p{  
    color:rgb(125, 239, 137)  
}
```

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(125, 239, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 239, 137) }
```

Border

The CSS property to change the border of an element to YUV 193.2860, -27.7490, -59.8868 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(125, 239, 137) }
```


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

```
.border{ border-color:rgb(125, 239, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 239, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 239, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 239, 137);  
box-shadow:4px 4px 4px 4px rgb(125, 239,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 193.2860, -27.7490, -59.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 239, 137) }
```

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

```
.background{ background-color: rgb(125,  
239, 137) }
```

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