

Converting Colors

YUV(193.8870, -19.1713,
-57.7829)

Have a look what the booklet for
YUV(193.8870, -19.1713, -57.7829)
contains.

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Color

**YUV(193.8870, -19.1713,
-57.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	80EB9B
RGB	128, 235, 155
RGB Percent	50%, 92%, 61%
CMY	0.4980, 0.0784, 0.3922
CMYK	0.46, 0.00, 0.34, 0.08
HSL	135°, 73%, 71%
HSV	135°, 46%, 92%
XYZ	44.5268, 66.3724, 41.4747
YIQ	193.8870, -38.0920, -47.5640

Conversions

Conversions Part 2

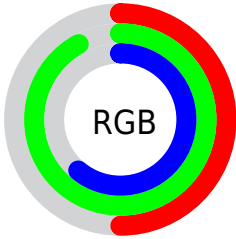
Format	Color
RYB	128, 213, 235
Decimal	8448923
CIELab	85.19, -47.82, 29.48
CIELCh	85, 56.176, 148.347
Yxy	66.3724, 0.2922, 0.4356
Android (android.graphics.Color)	4286639003 (0xFF80EB9B)
YUV	193.8870, -19.1713, -57.7829
Hunter-Lab	81.4693, -45.0125, 26.8449

Details

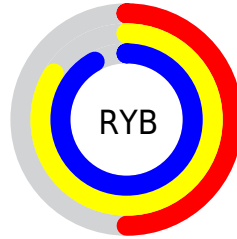
The YUV color **193.8870, -19.1713, -57.7829** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **169.1130, 19.1713, 57.7829**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9400, -9.3374, -38.5354**, and **137.1580, -16.8399, -58.8976** is the 20% darker color. If you saturate the color by 10%, you get **184.9580, -23.6433, -70.1232**, and if you desaturate by 10%, it is **203.1150, -14.8467, -44.8279**.

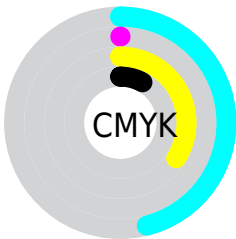
Distribution



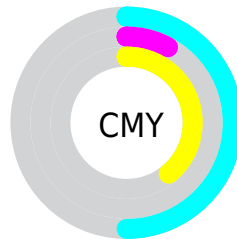
- Red (50%)
- Green (92%)
- Blue (61%)



- Red (50%)
- Yellow (84%)
- Blue (92%)



- Cyan (46%)
- Magenta (0%)
- Yellow (34%)
- Black (8%)



- Cyan (50%)
- Magenta (8%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8870, -19.1713, -57.7829 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 193.8870, -19.1713, -57.7829 by changing the saturation by 10% instead.

■ 193.8870,
-19.1713, -57.7829

■ 193.8870,
-19.1713, -57.7829

255.0000, 0.0000,
0.0000

■ 165.2290,
-17.8609, -58.0828

■ 228.9400, -9.3374,
-38.5354

■ 137.1580,
-16.8399, -58.8976

■ 241.1020, -1.5293,
-22.8915

■ 108.2930,
-14.9344, -63.4010

■ 251.7110, 1.6215,
-6.7625

■ 79.5310, -12.5868,
-69.7487

■ 61.6470, -15.1090,
-54.0644

■ 44.2360, -18.3573,
-38.7950

■ 29.3500, -14.4695,

-25.7399

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 193.8870,
-19.1713, -57.7829

■ 193.8870,
-19.1713, -57.7829

■ 184.9580,
-23.6433, -70.1232

■ 203.1150,
-14.8467, -44.8279

■ 175.8440,
-27.5311, -83.1782

■ 211.9300,
-10.8115, -32.3876


■ 166.6160,
-31.8557, -96.1332


■ 220.8590, -6.3395,
-20.0473

■ 157.8010,
-35.8909, -108.5735

■ 229.9730, -2.4517,
-6.9923

 148.5730,
-40.2155, -121.5285

 238.9020, 2.0203,
5.3479

 144.6710,
-42.2358, -126.8765

 243.2600, 5.7878,
10.2960

Harmonies

Analogous

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



203.3050, -43.0414, -8.1605



193.8870, -19.1713, -57.7829



164.5920, 21.4001, -144.3472

Triad

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



193.8870, -19.1713, -57.7829



191.7090, 31.2025, -68.1508



196.6060, -15.5818, 51.2115

Complementary

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



193.8870, -19.1713, -57.7829



169.1130, 19.1713, 57.7829

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.



200.3000, 8.7261, 47.9719



193.8870, -19.1713, -57.7829



209.8580, 22.2550, 1.8785

Square

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



193.8870, -19.1713, -57.7829



165.8410, 43.9554, -145.4426



210.9750, 21.7043, 38.6099



201.7970, -38.8469, 46.6590

Rectangle

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



193.8870, -19.1713, -57.7829



168.6960, 37.1249, -147.9464



210.9750, 21.7043, 38.6099



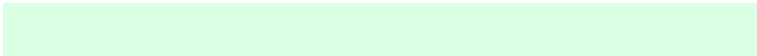
196.7830, -7.2880, 51.0563

Sweetspot

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



193.8870, -19.1713, -57.7829



241.1580, -6.4869, -19.4326



214.7290, -42.7574, -5.9013



119.4840, -4.1826, -11.8255



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.



193.8870, -19.1713, -57.7829



201.1700, -25.2268, -75.5711



199.9290, 3.9790, -63.0817



112.7990, -1.8729, -5.9627



111.4910, -32.2871, -97.7776



33.2940, -9.5119, -29.1988

Inverse Universe

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



169.1130, 19.1713, 57.7829



168.8300, 25.2268, 75.5711



163.0710, -3.9790, 63.0817



110.2010, 1.8729, 5.9627



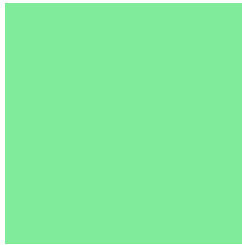
69.5090, 32.2871, 97.7776



20.7060, 9.5119, 29.1988

Previews

White Background



This preview shows how the YUV color 193.8870, -19.1713, -57.7829 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 193.8870, -19.1713, -57.7829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

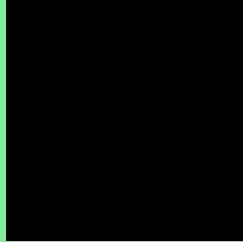
Any Text WCAG AA ✓ Pass

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 193.8870, -19.1713, -57.7829 Background



This preview shows how black text looks on a background with the YUV color 193.8870, -19.1713, -57.7829.



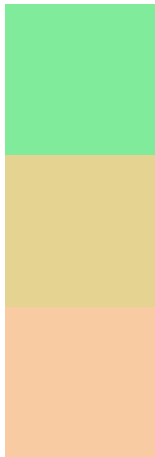
This preview shows how white text looks on a background with the YUV color 193.8870, -19.1713, -57.7829.

-57.7829.

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

193.8870, -19.1713, -57.7829

Protanopia

208.8580, -31.4820, 17.6645

Deuteranopia

211.7810, -24.5420, 31.7641



Tritanopia

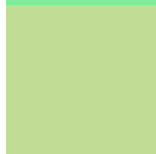
203.3280, 19.0653, -48.5227

Trichromacy



Original Color

193.8870, -19.1713, -57.7829



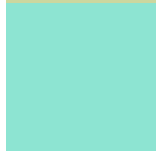
Protanomaly

203.5340, -26.8853, -10.1153



Deuteranomaly

205.3270, -22.8392, -1.1638



Tritanomaly

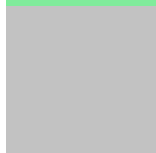
199.9350, 4.9620, -51.6860

Monochromacy



Original Color

193.8870, -19.1713, -57.7829



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.0330, -6.9183, -21.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8870, -19.1713, -57.7829 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(128, 235, 155)` looks like.

```
.text, #text, p{  
    color:rgb(128, 235, 155)  
}
```

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(128, 235, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 235, 155) }
```

Border

The CSS property to change the border of an element to YUV 193.8870, -19.1713, -57.7829 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(128, 235, 155) }
```


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

```
.border{ border-color:rgb(128, 235, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 235, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 235, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 235, 155);  
box-shadow:4px 4px 4px 4px rgb(128, 235,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 193.8870, -19.1713, -57.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 235, 155) }
```

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

```
.background{ background-color: rgb(128,  
235, 155) }
```

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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