

Converting Colors

YUV(191.5860, -19.5159,
-87.3369)

Have a look what the booklet for
YUV(191.5860, -19.5159, -87.3369)
contains.

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Color

**YUV(191.5860, -19.5159,
-87.3369)**

Conversions

Conversions Part 1

Format	Color
Hex	5CFA98
RGB	92, 250, 152
RGB Percent	36%, 98%, 60%
CMY	0.6392, 0.0196, 0.4039
CMYK	0.63, 0.00, 0.39, 0.02
HSL	143°, 94%, 67%
HSV	143°, 63%, 98%
XYZ	44.2667, 72.9135, 41.4464
YIQ	191.5860, -62.7100, -63.9740

Conversions

Conversions Part 2

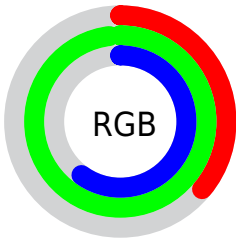
Format	Color
RYB	92, 207, 250
Decimal	6093464
CIELab	88.41, -62.46, 35.07
CIElCh	88, 71.628, 150.689
Yxy	72.9135, 0.2791, 0.4597
Android (android.graphics.Color)	4284283544 (0xFF5CFA98)
YUV	191.5860, -19.5159, -87.3369
Hunter-Lab	85.3894, -56.8953, 30.9944

Details

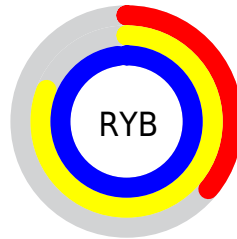
The YUV color **191.5860, -19.5159, -87.3369** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **150.4140, 19.5159, 87.3369**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9270, -6.3730, -56.0640**, and **124.1040, -11.8833, -108.8392** is the 20% darker color. If you saturate the color by 10%, you get **182.2870, -22.8195, -101.1067**, and if you desaturate by 10%, it is **200.8850, -16.2123, -73.5671**.

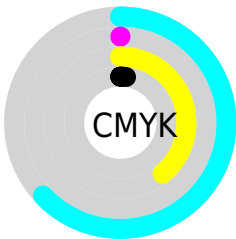
Distribution



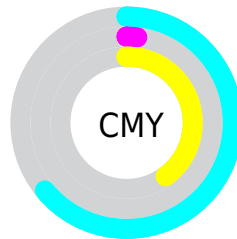
- Red (36%)
- Green (98%)
- Blue (60%)



- Red (36%)
- Yellow (81%)
- Blue (98%)



- Cyan (63%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.5860, -19.5159, -87.3369 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 191.5860, -19.5159, -87.3369 by changing the saturation by 10% instead.

191.5860,
-19.5159, -87.3369

191.5860,
-19.5159, -87.3369

255.0000, 0.0000,
0.0000

160.2370,
-16.8788, -93.1698

219.9270, -6.3730,
-56.0640

124.1040,
-11.8833, -108.8392

232.5020, 1.7245,
-39.9053

104.8180,
-14.7003, -91.9254

243.6380, 5.6015,
-23.3615

86.1190, -17.8067,
-75.5264

252.9070, 1.0318,
-4.3034

67.5340, -20.4763,
-59.2273

49.8950, -24.5982,
-43.7579

35.2200, -17.3635,

-30.8879

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 191.5860,
-19.5159, -87.3369

■ 191.5860,
-19.5159, -87.3369

■ 182.2870,
-22.8195, -101.1067

■ 200.8850,
-16.2123, -73.5671

■ 173.1020,
-25.6863, -114.9765

■ 210.0700,
-13.3455, -59.6974

■ 163.8030,
-28.9899, -128.7462

■ 219.3690,
-10.0419, -45.9276

■ 157.5800,
-30.8519, -138.1977

■ 228.5540, -7.1751,
-32.0579

■ 237.8530, -3.8715,
-18.2881

■ 247.0380, -1.0047,
-4.4183

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



207.2750, -54.3656, -16.0272



191.5860, -19.5159, -87.3369



174.8790, 22.7377, -153.3689

Triad

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



191.5860, -19.5159, -87.3369



183.5260, 35.2367, -102.1933



193.2320, -18.3554, 54.1705

Complementary

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



191.5860, -19.5159, -87.3369



150.4140, 19.5159, 87.3369

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.



196.1740, 13.2252, 51.5904



191.5860, -19.5159, -87.3369



215.8050, 19.3231, 8.9410

Square

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



191.5860, -19.5159, -87.3369



173.4720, 40.1933, -152.1349



208.6270, 22.8619, 40.6691



201.1640, -48.8879, 47.2142

Rectangle

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



191.5860, -19.5159, -87.3369



178.7550, 37.5888, -156.7681



208.6270, 22.8619, 40.6691



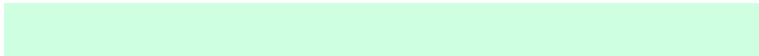
192.8050, -7.2989, 54.5450

Sweetspot

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



191.5860, -19.5159, -87.3369



237.2280, -6.0284, -26.5100



214.6460, -60.4645, -19.8605



116.8640, -3.8770, -16.5437



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.



191.5860, -19.5159, -87.3369



183.3140, -23.8188, -107.2694



200.3640, 14.1175, -95.0352



120.2010, -1.5781, -7.1923



119.1510, -23.2454, -104.4954



38.4290, -7.6065, -33.7022

Inverse Universe

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



150.4140, 19.5159, 87.3369



132.6860, 23.8188, 107.2694



141.6360, -14.1175, 95.0352



116.7990, 1.5781, 7.1923



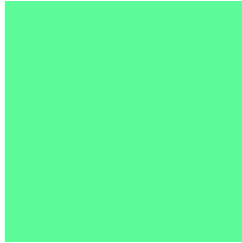
69.8490, 23.2454, 104.4954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 191.5860, -19.5159, -87.3369 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 191.5860, -19.5159, -87.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

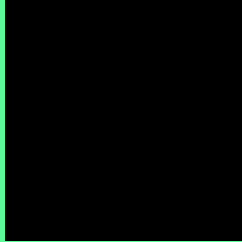
Any Text WCAG AA ✓ Pass

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 191.5860, -19.5159, -87.3369 Background



This preview shows how black text looks on a background with the YUV color 191.5860, -19.5159, -87.3369.



This preview shows how white text looks on a background with the YUV color 191.5860, -19.5159, -87.3369.

-87.3369.

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

191.5860, -19.5159, -87.3369

Protanopia

216.8600, -37.8920, 20.2938

Deuteranopia

220.1830, -24.2472, 30.5345



Tritanopia

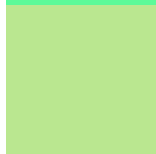
207.6570, 23.3401, -66.3512

Trichromacy



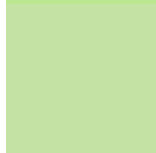
Original Color

191.5860, -19.5159, -87.3369



Protanomaly

207.6270, -31.3681, -18.9669



Deuteranomaly

209.9620, -22.6593, -12.2447



Tritanomaly

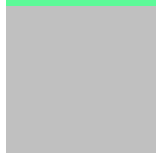
201.8890, 7.9427, -74.4477

Monochromacy



Original Color

191.5860, -19.5159, -87.3369



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.8530, -7.3225, -31.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.5860, -19.5159, -87.3369 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(92, 250, 152)` looks like.

```
.text, #text, p{  
    color:rgb(92, 250, 152)  
}
```

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(92, 250, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 250, 152) }
```

Border

The CSS property to change the border of an element to YUV 191.5860, -19.5159, -87.3369 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(92, 250, 152) }
```


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

```
.border{ border-color:rgb(92, 250, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 250, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 250, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 250, 152);  
box-shadow:4px 4px 4px 4px rgb(92, 250,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 191.5860, -19.5159, -87.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 250, 152) }
```

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

```
.background{ background-color: rgb(92, 250,  
152) }
```

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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