

Converting Colors

YUV(193.4090, -27.8096,
-87.1817)

Have a look what the booklet for
YUV(193.4090, -27.8096, -87.1817)
contains.

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Color

**YUV(193.4090, -27.8096,
-87.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFF89
RGB	94, 255, 137
RGB Percent	37%, 100%, 54%
CMY	0.6314, 0.0000, 0.4627
CMYK	0.63, 0.00, 0.46, 0.00
HSL	136°, 100%, 68%
HSV	136°, 63%, 100%
XYZ	44.8915, 75.7058, 35.9136
YIQ	193.4090, -58.0780, -70.8300

Conversions

Conversions Part 2

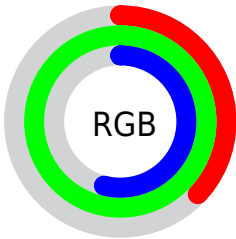
Format	Color
RYB	94, 221, 255
Decimal	6225801
CIELab	89.72, -66.32, 44.09
CIELCh	90, 79.638, 146.380
Yxy	75.7058, 0.2868, 0.4837
Android (android.graphics.Color)	4284415881 (0xFF5EFF89)
YUV	193.4090, -27.8096, -87.1817
Hunter-Lab	87.0091, -60.1707, 36.4340

Details

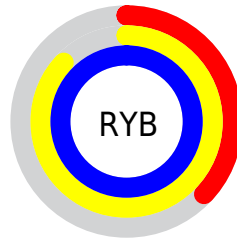
The YUV color **193.4090, -27.8096, -87.1817** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **155.5910, 27.8096, 87.1817**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8150, -13.2198, -53.3348**, and **125.3290, -19.8822, -109.9135** is the 20% darker color. If you saturate the color by 10%, you get **183.7680, -32.4236, -100.6515**, and if you desaturate by 10%, it is **203.3490, -23.3431, -73.0971**.

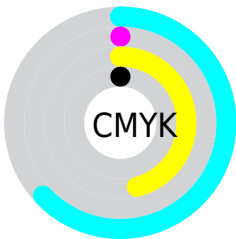
Distribution



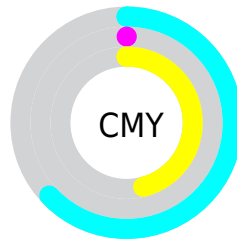
- Red (37%)
- Green (100%)
- Blue (54%)



- Red (37%)
- Yellow (87%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4090, -27.8096, -87.1817 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 193.4090, -27.8096, -87.1817 by changing the saturation by 10% instead.

193.4090,
-27.8096, -87.1817

193.4090,
-27.8096, -87.1817

255.0000, 0.0000,
0.0000

162.0600,
-25.1726, -93.0146

218.8150,
-13.2198, -53.3348

125.3290,
-19.8822, -109.9135

231.2760, -5.5591,
-37.0761

105.9290,
-23.1360, -92.8997

243.8510, 2.5385,
-20.9173

86.5290, -26.3898,
-75.8859

253.8040, 0.5896,
-2.4591

67.5050, -33.2800,
-59.2019

51.6560, -25.4664,
-45.3023

36.9810, -18.2316,

-32.4323

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 193.4090,
-27.8096, -87.1817

■ 193.4090,
-27.8096, -87.1817

■ 183.7680,
-32.4236, -100.6515

■ 203.3490,
-23.3431, -73.0971

■ 173.9420,
-36.4534, -114.8361

■ 212.8760,
-19.1659, -59.5273

■ 164.3010,
-41.0674, -128.3060

■ 222.8160,
-14.6993, -45.4426

■ 157.4370,
-44.0924, -138.0722

■ 232.4570,
-10.0853, -31.9728

■ 242.2830, -6.0555,
-17.7882

■ 251.9240, -1.4415,
-4.3183

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



209.7460, -65.4438, -9.4242



193.4090, -27.8096, -87.1817



174.0810, 19.6801, -152.6690

Triad

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



193.4090, -27.8096, -87.1817



168.1890, 42.7978, -147.5018



189.8070, -13.7089, 57.1743

Complementary

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



193.4090, -27.8096, -87.1817



155.5910, 27.8096, 87.1817

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.



194.3620, 21.5135, 53.1795



193.4090, -27.8096, -87.1817



214.5430, 19.9453, -3.9842

Square

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



193.4090, -27.8096, -87.1817



178.1680, 37.8782, -156.2533



209.2140, 22.5725, 40.1543



198.3600, -49.4775, 49.6733

Rectangle

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



193.4090, -27.8096, -87.1817



178.7550, 37.5888, -156.7681



209.2140, 22.5725, 40.1543



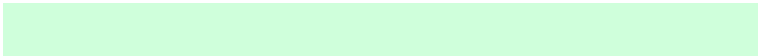
189.1350, -1.0526, 57.7636

Sweetspot

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



193.4090, -27.8096, -87.1817



236.5440, -8.6492, -25.9101



223.7890, -63.9860, -10.3390



116.5220, -5.1873, -16.2438



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.



193.4090, -27.8096, -87.1817



180.8060, -33.4284, -105.0699



202.5290, 7.1342, -95.1799



122.9730, -2.4517, -6.9923



117.9310, -32.9970, -103.4255



39.5060, -11.0955, -34.6468

Inverse Universe

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



155.5910, 27.8096, 87.1817



135.1940, 33.4284, 105.0699



146.4710, -7.1342, 95.1799



119.9130, 2.0149, 7.0923



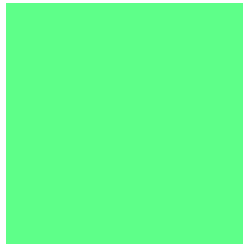
73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 193.4090, -27.8096, -87.1817 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 193.4090, -27.8096, -87.1817 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 193.4090, -27.8096, -87.1817 Background



This preview shows how black text looks on a background with the YUV color 193.4090, -27.8096, -87.1817.



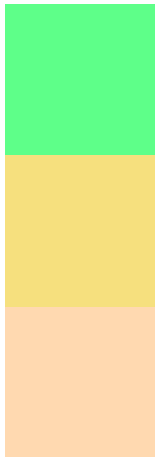
This preview shows how white text looks on a background with the YUV color 193.4090, -27.8096, -87.1817.

-87.1817.

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

193.4090, -27.8096, -87.1817

Protanopia

219.4060, -46.0492, 23.3229

Deuteranopia

223.6880, -23.5102, 27.4606



Tritanopia

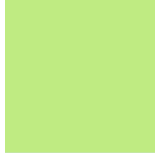
213.6260, 20.3974, -55.8000

Trichromacy



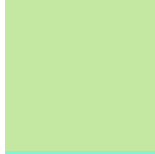
Original Color

193.4090, -27.8096, -87.1817



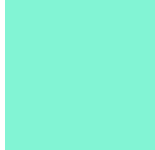
Protanomaly

209.8740, -39.3779, -16.5525



Deuteranomaly

212.6690, -24.9798, -14.6187



Tritanomaly

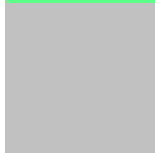
206.2660, 2.8269, -66.8853

Monochromacy



Original Color

193.4090, -27.8096, -87.1817



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.4570, -10.0853, -31.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4090, -27.8096, -87.1817 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(94, 255, 137)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 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(94, 255, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 137) }
```

Border

The CSS property to change the border of an element to YUV 193.4090, -27.8096, -87.1817 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(94, 255, 137) }
```


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

```
.border{ border-color:rgb(94, 255, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 193.4090, -27.8096, -87.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 137) }
```

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

```
.background{ background-color: rgb(94, 255,  
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](#).

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