

Converting Colors

YUV(196.5930, -50.0853,
-35.6001)

Have a look what the booklet for
YUV(196.5930, -50.0853, -35.6001)
contains.

YUV(196.5930, -50.0853, -35.6001)	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(196.5930, -50.0853,
-35.6001)**

Conversions

Conversions Part 1

Format	Color
Hex	9CED5F
RGB	156, 237, 95
RGB Percent	61%, 93%, 37%
CMY	0.3882, 0.0706, 0.6275
CMYK	0.34, 0.00, 0.60, 0.07
HSL	94°, 80%, 65%
HSV	94°, 60%, 93%
XYZ	46.0600, 68.4625, 21.6134
YIQ	196.5930, -2.6940, -61.3340

Conversions

Conversions Part 2

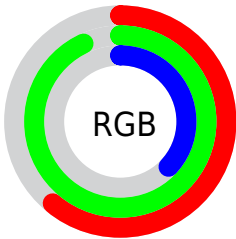
Format	Color
RYB	95, 237, 176
Decimal	10284383
CIELab	86.24, -47.94, 59.60
CIElCh	86, 76.493, 128.812
Yxy	68.4625, 0.3383, 0.5029
Android (android.graphics.Color)	4288474463 (0xFF9CED5F)
YUV	196.5930, -50.0853, -35.6001
Hunter-Lab	82.7421, -45.4330, 42.4320

Details

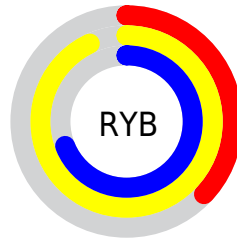
The YUV color **196.5930, -50.0853, -35.6001** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **135.4070, 50.0853, 35.6001**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7710, -39.8201, -14.7082**, and **140.1800, -50.3747, -36.1149** is the 20% darker color. If you saturate the color by 10%, you get **189.6710, -58.5048, -41.8075**, and if you desaturate by 10%, it is **203.5150, -41.6659, -29.3927**.

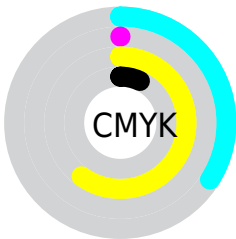
Distribution



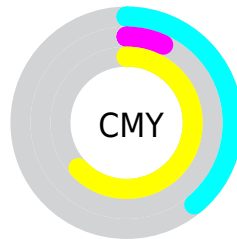
- Red (61%)
- Green (93%)
- Blue (37%)



- Red (37%)
- Yellow (93%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5930, -50.0853, -35.6001 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 196.5930, -50.0853, -35.6001 by changing the saturation by 10% instead.

■ 196.5930,
-50.0853, -35.6001

■ 196.5930,
-50.0853, -35.6001

255.0000, 0.0000,
0.0000

■ 167.7070,
-49.6486, -35.7000

■ 230.7710,
-39.8201, -14.7082

■ 140.1800,
-50.3747, -36.1149

■ 242.9330,
-32.0120, 0.9358

■ 110.7410,
-54.5953, -35.7299

■ 249.5280,
-20.9663, 4.7989

■ 85.6120, -42.2067,
-42.6327

■ 252.8340, -8.2992,
1.8996

■ 59.2870, -29.2285,
-51.9947

■ 44.6120, -21.9937,
-39.1247

■ 31.1110, -15.3377,

-27.2843

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 196.5930,
-50.0853, -35.6001

■ 196.5930,
-50.0853, -35.6001

■ 189.6710,
-58.5048, -41.8075

■ 203.5150,
-41.6659, -29.3927

■ 183.1620,
-66.6349, -47.5001

■ 210.0240,
-33.5358, -23.7000


■ 176.2400,
-75.0543, -53.7075

■ 216.9460,
-25.1164, -17.4926

■ 169.6170,
-83.6212, -59.3001

■ 223.5690,
-16.5495, -11.9000

 230.3770, -8.5669,
-5.5926

 237.0000, 0.0000,
0.0000

 243.2380, 5.7987,
6.8073

 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



205.0170, -72.9724, 25.4181



196.5930, -50.0853, -35.6001



163.3430, -1.1551, -143.2518

Triad

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



196.5930, -50.0853, -35.6001



168.1890, 42.7978, -147.5018



185.5790, 5.6306, 60.8822

Complementary

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



196.5930, -50.0853, -35.6001



135.4070, 50.0853, 35.6001

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.



198.0610, 28.0709, 49.9355



196.5930, -50.0853, -35.6001



188.1430, 32.9605, -72.0394

Square

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



196.5930, -50.0853, -35.6001



174.6460, 39.6145, -153.1645



212.6920, 20.8578, 30.0881



187.1050, -29.1388, 59.5439

Rectangle

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



196.5930, -50.0853, -35.6001



170.6900, 19.3798, -149.6951



212.6920, 20.8578, 30.0881



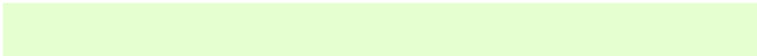
188.4290, 16.5505, 58.3828

Sweetspot

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



196.5930, -50.0853, -35.6001



241.9820, -16.2601, -11.3852



184.4180, -44.0831, 46.1144



119.6110, -10.1612, -7.5518



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.



196.5930, -50.0853, -35.6001



202.6290, -64.8931, -46.1556



179.3800, -37.1623, -74.0013



113.9520, -3.9203, -2.5889



129.5690, -63.8775, -45.2260



38.5750, -19.0175, -13.6593

Inverse Universe

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



135.4070, 50.0853, 35.6001



123.3710, 64.8931, 46.1556



152.6200, 37.1623, 74.0013



109.0480, 3.9203, 2.5889



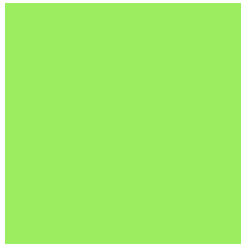
51.4310, 63.8775, 45.2260



15.4250, 19.0175, 13.6593

Previews

White Background



This preview shows how the YUV color 196.5930, -50.0853, -35.6001 looks on a white background.

Color Contrast Check

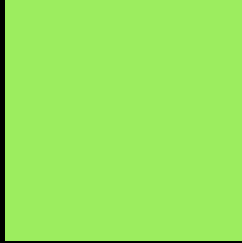
Large Text (above 18pt) WCAG AA × Fail

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 196.5930, -50.0853, -35.6001 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 196.5930, -50.0853, -35.6001 Background



This preview shows how black text looks on a background with the YUV color 196.5930, -50.0853, -35.6001.



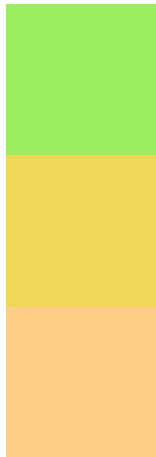
This preview shows how white text looks on a background with the YUV color 196.5930, -50.0853, -35.6001.

-35.6001.

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

196.5930, -50.0853, -35.6001

Protanopia

207.6980, -59.0111, 27.4519

Deuteranopia

213.3720, -37.6514, 36.5078



Tritanopia

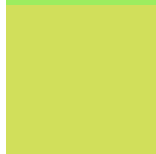
210.8960, 14.3483, -28.8498

Trichromacy



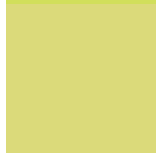
Original Color

196.5930, -50.0853, -35.6001



Protanomaly

203.7660, -55.5936, 4.5902



Deuteranomaly

207.3550, -42.0800, 10.2127



Tritanomaly

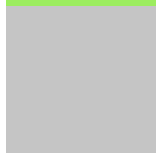
205.3970, -9.0697, -31.0432

Monochromacy



Original Color

196.5930, -50.0853, -35.6001



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.1020, -18.2913, -13.2445

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5930, -50.0853, -35.6001 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(156, 237, 95)` looks like.

```
.text, #text, p{  
    color:rgb(156, 237, 95)  
}
```

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(156, 237, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 237, 95) }
```

Border

The CSS property to change the border of an element to YUV 196.5930, -50.0853, -35.6001 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(156, 237, 95) }
```


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

```
.border{ border-color:rgb(156, 237, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 237, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 237, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 237, 95);  
box-shadow:4px 4px 4px 4px rgb(156, 237,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 196.5930, -50.0853, -35.6001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 237, 95) }
```

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

```
.background{ background-color: rgb(156,  
237, 95) }
```

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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