

Converting Colors

YUV(189.5530, -42.6706,
-33.8110)

Have a look what the booklet for
YUV(189.5530, -42.6706, -33.8110)
contains.

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Color

**YUV(189.5530, -42.6706,
-33.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	97E267
RGB	151, 226, 103
RGB Percent	59%, 89%, 40%
CMY	0.4078, 0.1137, 0.5961
CMYK	0.33, 0.00, 0.54, 0.11
HSL	97°, 68%, 65%
HSV	97°, 54%, 89%
XYZ	42.4070, 61.9513, 22.5547
YIQ	189.5530, -5.2170, -54.1530

Conversions

Conversions Part 2

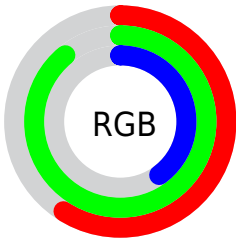
Format	Color
RYB	103, 226, 178
Decimal	9953895
CIELab	82.89, -44.17, 52.16
CIELCh	83, 68.351, 130.263
Yxy	61.9513, 0.3341, 0.4881
Android (android.graphics.Color)	4288143975 (0xFF97E267)
YUV	189.5530, -42.6706, -33.8110
Hunter-Lab	78.7091, -41.5685, 38.1064

Details

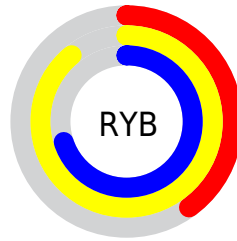
The YUV color **189.5530, -42.6706, -33.8110** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **139.4470, 42.6706, 33.8110**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7750, -35.8781, -19.0967**, and **133.8950, -41.3602, -34.1109** is the 20% darker color. If you saturate the color by 10%, you get **182.7450, -50.6533, -40.1184**, and if you desaturate by 10%, it is **196.3610, -34.6880, -27.5036**.

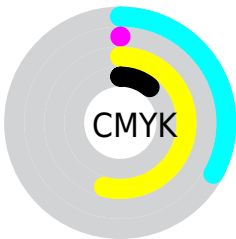
Distribution



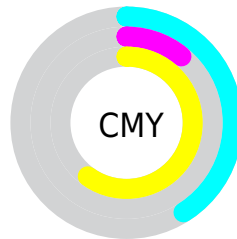
- Red (59%)
- Green (89%)
- Blue (40%)



- Red (40%)
- Yellow (89%)
- Blue (70%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)
- Black (11%)



- Cyan (41%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5530, -42.6706, -33.8110 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 189.5530, -42.6706, -33.8110 by changing the saturation by 10% instead.

■ 189.5530,
-42.6706, -33.8110

■ 189.5530,
-42.6706, -33.8110

255.0000, 0.0000,
0.0000

■ 161.7810,
-41.7970, -34.0109

■ 229.7750,
-35.8781, -19.0967

■ 133.8950,
-41.3602, -34.1109

■ 241.9370,
-28.0699, -3.4527

■ 106.1400,
-42.9600, -34.3258

■ 250.2120,
-18.3455, 4.1991

■ 79.4430, -39.1654,
-38.0995

■ 253.5180, -5.6784,
1.2997

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 189.5530,
-42.6706, -33.8110

■ 189.5530,
-42.6706, -33.8110

■ 182.7450,
-50.6533, -40.1184

■ 196.3610,
-34.6880, -27.5036

■ 176.0510,
-58.1991, -46.5257

■ 203.0550,
-27.1421, -21.0962

■ 169.5420,
-66.3292, -52.2183

■ 209.5640,
-19.0121, -15.4036

■ 162.8480,
-73.8751, -58.6257

■ 216.2580,
-11.4662, -8.9963

■ 158.9740,
-78.3742, -62.2442

■ 223.0660, -3.4835,
-2.6889

■ 229.8740, 4.4991,
3.6185

■ 235.5850, 9.5716,
10.0110

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



197.3290, -62.7732, 20.7595



189.5530, -42.6706, -33.8110



156.2990, 2.3176, -137.0742

Triad

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



189.5530, -42.6706, -33.8110



161.1450, 46.2705, -141.3242



185.0260, 0.9732, 61.3672

Complementary

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



189.5530, -42.6706, -33.8110



139.4470, 42.6706, 33.8110

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.



196.4310, 26.9025, 51.3650



189.5530, -42.6706, -33.8110



187.9650, 33.0483, -53.4663

Square

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



189.5530, -42.6706, -33.8110



167.0150, 43.3766, -146.4722



206.1910, 24.0628, 28.7735



186.2900, -29.7230, 60.2587

Rectangle

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



189.5530, -42.6706, -33.8110



163.0760, 20.6685, -143.0177



206.1910, 24.0628, 28.7735



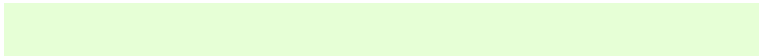
187.4200, 10.1459, 59.2677

Sweetspot

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



189.5530, -42.6706, -33.8110



242.8510, -14.2235, -11.2703



183.2150, -39.5460, 37.5224



120.6650, -8.7088, -6.7222



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.



189.5530, -42.6706, -33.8110



205.8770, -57.6204, -45.4961



176.5690, -30.3535, -64.5200



108.6530, -3.7729, -3.2037



123.9430, -61.1039, -48.1850



33.8570, -16.6915, -13.0296

Inverse Universe

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



139.4470, 42.6706, 33.8110



138.1230, 57.6204, 45.4961



152.4310, 30.3535, 64.5200



104.3470, 3.7729, 3.2037



52.0570, 61.1039, 48.1850



14.4420, 16.5441, 13.6444

Previews

White Background



This preview shows how the YUV color 189.5530, -42.6706, -33.8110 looks on a white background.

Color Contrast Check

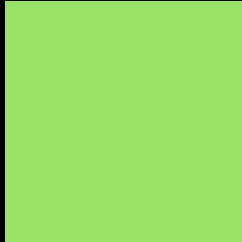
Large Text (above 18pt) WCAG AA × Fail

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 189.5530, -42.6706, -33.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

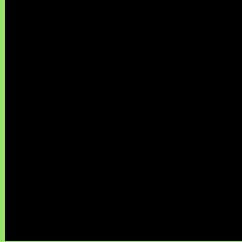
Any Text WCAG AA ✓ Pass

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 189.5530, -42.6706, -33.8110 Background



This preview shows how black text looks on a background with the YUV color 189.5530, -42.6706, -33.8110.



This preview shows how white text looks on a background with the YUV color 189.5530, -42.6706, -33.8110.

-33.8110.

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

189.5530, -42.6706, -33.8110

Protanopia

200.0380, -51.2907, 24.5227

Deuteranopia

202.7550, -45.2352, 42.3109



Tritanopia

202.3800, 13.6167, -27.5203

Trichromacy



Original Color

189.5530, -42.6706, -33.8110

Protanomaly

196.1170, -47.8787, 3.4054

Deuteranomaly

198.1060, -44.4223, 14.8160

Tritanomaly

197.9780, -6.8912, -29.7987

Monochromacy



Original Color

189.5530, -42.6706, -33.8110

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7970, -15.6759, -12.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5530, -42.6706, -33.8110 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(151, 226, 103)` looks like.

```
.text, #text, p{  
    color:rgb(151, 226, 103)  
}
```

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(151, 226, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 226, 103) }
```

Border

The CSS property to change the border of an element to YUV 189.5530, -42.6706, -33.8110 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(151, 226, 103) }
```


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

```
.border{ border-color:rgb(151, 226, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 226, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 226, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 226, 103);  
box-shadow:4px 4px 4px 4px rgb(151, 226,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 189.5530, -42.6706, -33.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 226, 103) }
```

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

```
.background{ background-color: rgb(151,  
226, 103) }
```

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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