

Converting Colors

YUV(189.3650, -27.2949,
-18.7371)

Have a look what the booklet for
YUV(189.3650, -27.2949, -18.7371)
contains.

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Color

**YUV(189.3650, -27.2949,
-18.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D386
RGB	168, 211, 134
RGB Percent	66%, 83%, 53%
CMY	0.3412, 0.1725, 0.4745
CMYK	0.20, 0.00, 0.36, 0.17
HSL	94°, 47%, 68%
HSV	94°, 36%, 83%
XYZ	43.7458, 56.6346, 31.1802
YIQ	189.3650, -0.9110, -33.0630

Conversions

Conversions Part 2

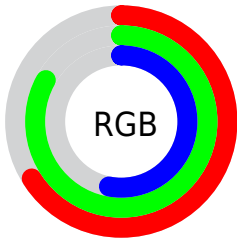
Format	Color
RYB	134, 211, 177
Decimal	11064198
CIELab	79.97, -27.64, 33.65
CIELCh	80, 43.540, 129.400
Yxy	56.6346, 0.3325, 0.4305
Android (android.graphics.Color)	4289254278 (0xFFA8D386)
YUV	189.3650, -27.2949, -18.7371
Hunter-Lab	75.2560, -27.9371, 28.1140

Details

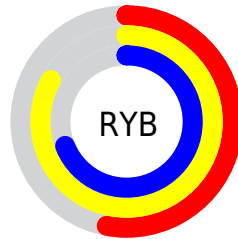
The YUV color **189.3650, -27.2949, -18.7371** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **155.6350, 27.2949, 18.7371**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0930, -24.6958, -12.3596**, and **135.1200, -25.6952, -18.5222** is the 20% darker color. If you saturate the color by 10%, you get **183.3830, -34.6988, -24.0149**, and if you desaturate by 10%, it is **195.3470, -19.8911, -13.4593**.

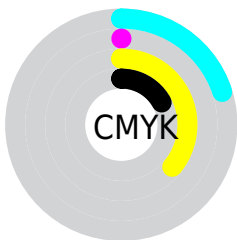
Distribution



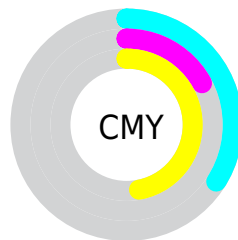
- Red (66%)
- Green (83%)
- Blue (53%)



- Red (53%)
- Yellow (83%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (34%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3650, -27.2949, -18.7371 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 189.3650, -27.2949, -18.7371 by changing the saturation by 10% instead.

■ 189.3650,
-27.2949, -18.7371

■ 189.3650,
-27.2949, -18.7371

255.0000, 0.0000,
0.0000

■ 161.8920,
-26.5688, -18.3223

■ 238.0930,
-24.6958, -12.3596

■ 135.1200,
-25.6952, -18.5222

■ 249.9560,
-16.7403, 2.6696

■ 109.6470,
-24.9690, -18.1074

■ 253.8600, -4.3680,
0.9998

■ 84.7610, -24.5322,
-18.2074

■ 59.7610, -24.5322,
-18.2074

■ 37.9440, -18.7064,
-20.1219

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 189.3650,
-27.2949, -18.7371

■ 189.3650,
-27.2949, -18.7371

■ 183.3830,
-34.6988, -24.0149

■ 195.3470,
-19.8911, -13.4593

■ 177.4010,
-42.1027, -29.2927

■ 201.3290,
-12.4872, -8.1815

■ 171.7180,
-49.6540, -33.9557

■ 207.0120, -4.9359,
-3.5185

■ 165.7360,
-57.0578, -39.2335

■ 212.9940, 2.4680,
1.7593

■ 159.7540,
-64.4617, -44.5113

■ 219.0900, 10.3086,
6.9371

■ 153.6580,
-72.3024, -49.6891

■ 224.3880, 15.0917,
12.8147

■ 151.6640,
-74.7704, -51.4483

■ 227.6770, 13.4702,
19.5773

■ 229.1720, 12.7332,
22.6512

Harmonies

Analogous

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



194.1260, -38.0231, 15.6755



189.3650, -27.2949, -18.7371



182.1010, -6.9518, -57.0936

Triad

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



189.3650, -27.2949, -18.7371



177.7550, 38.0818, -81.3461



195.0050, -3.9465, 52.6156

Complementary

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



189.3650, -27.2949, -18.7371



155.6350, 27.2949, 18.7371

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.



202.0270, 12.8047, 46.4573



189.3650, -27.2949, -18.7371



193.1360, 30.4990, -29.0603

Square

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



189.3650, -27.2949, -18.7371



156.3520, 45.6755, -137.1207



201.9720, 26.1428, 14.9336



194.7820, -22.5705, 52.8112

Rectangle

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



189.3650, -27.2949, -18.7371



174.5070, 10.5960, -85.5136



201.9720, 26.1428, 14.9336



197.1880, 1.8793, 50.7011

Sweetspot

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



189.3650, -27.2949, -18.7371



247.0240, -9.8718, -7.0370



181.6770, -23.5048, 25.7163



123.0720, -5.9515, -4.4481



0.0000, 0.0000, 0.0000



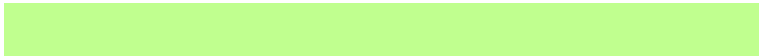
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189.3650, -27.2949, -18.7371



223.3950, -39.6347, -27.5334



179.6550, -20.5359, -40.0394



101.9520, -3.9203, -2.5889



120.7420, -59.5258, -40.9927



29.4490, -14.5184, -10.0408

Inverse Universe

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



155.6350, 27.2949, 18.7371



174.3060, 39.7821, 26.9186



165.3450, 20.5359, 40.0394



97.0480, 3.9203, 2.5889



47.2580, 59.5258, 40.9927



11.5510, 14.5184, 10.0408

Previews

White Background



This preview shows how the YUV color 189.3650, -27.2949, -18.7371 looks on a white background.

Color Contrast Check

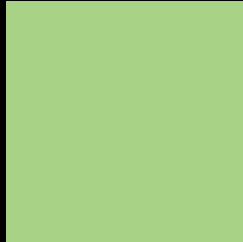
Large Text (above 18pt) WCAG AA × Fail

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 189.3650, -27.2949, -18.7371 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 189.3650, -27.2949, -18.7371 Background



This preview shows how black text looks on a background with the YUV color 189.3650, -27.2949, -18.7371.



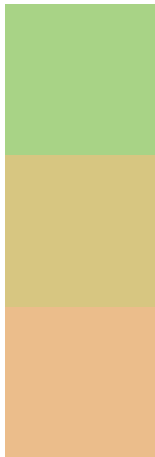
This preview shows how white text looks on a background with the YUV color 189.3650, -27.2949, -18.7371.

-18.7371.

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

189.3650, -27.2949, -18.7371

Protanopia

195.2170, -32.6450, 17.3497

Deuteranopia

197.0540, -28.6206, 33.2786



Tritanopia

196.5450, 10.0843, -14.5100

Trichromacy



Original Color

189.3650, -27.2949, -18.7371

Protanomaly

193.2970, -30.7124, 4.1245

Deuteranomaly

194.3460, -28.2716, 14.6056

Tritanomaly

194.2770, -3.5876, -16.0289

Monochromacy



Original Color

189.3650, -27.2949, -18.7371

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0240, -9.8718, -7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3650, -27.2949, -18.7371 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(168, 211, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 211, 134)  
}
```

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(168, 211, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 211, 134) }
```

Border

The CSS property to change the border of an element to YUV 189.3650, -27.2949, -18.7371 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(168, 211, 134) }
```


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

```
.border{ border-color:rgb(168, 211, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 211, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 211, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 211, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 211,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 189.3650, -27.2949, -18.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 211, 134) }
```

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

```
.background{ background-color: rgb(168,  
211, 134) }
```

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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