

Converting Colors

YUV(188.3520, -27.7815,
-49.4207)

Have a look what the booklet for
YUV(188.3520, -27.7815, -49.4207)
contains.

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Color

**YUV(188.3520, -27.7815,
-49.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	84E484
RGB	132, 228, 132
RGB Percent	52%, 89%, 52%
CMY	0.4824, 0.1059, 0.4824
CMYK	0.42, 0.00, 0.42, 0.11
HSL	120°, 64%, 71%
HSV	120°, 42%, 89%
XYZ	41.4240, 62.0583, 31.6250
YIQ	188.3520, -26.4000, -50.2080

Conversions

Conversions Part 2

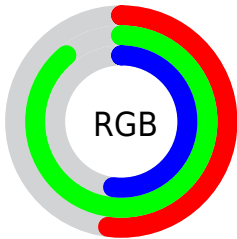
Format	Color
RYB	132, 228, 228
Decimal	8709252
CIELab	82.94, -47.40, 38.14
CIElCh	83, 60.838, 141.173
Yxy	62.0583, 0.3066, 0.4593
Android (android.graphics.Color)	4286899332 (0xFF84E484)
YUV	188.3520, -27.7815, -49.4207
Hunter-Lab	78.7771, -43.9978, 31.3421

Details

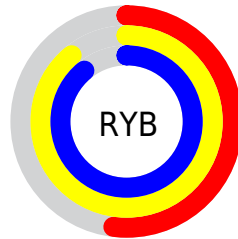
The YUV color **188.3520, -27.7815, -49.4207** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **171.6480, 27.7815, 49.4207**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4000, -20.4102, -33.6768**, and **132.6230, -25.4501, -50.5354** is the 20% darker color. If you saturate the color by 10%, you get **178.8530, -34.4375, -61.2611**, and if you desaturate by 10%, it is **197.8510, -21.1255, -37.5803**.

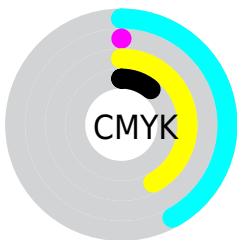
Distribution



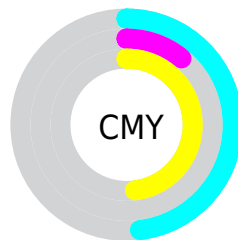
- Red (52%)
- Green (89%)
- Blue (52%)



- Red (52%)
- Yellow (89%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3520, -27.7815, -49.4207 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 188.3520, -27.7815, -49.4207 by changing the saturation by 10% instead.

■ 188.3520,
-27.7815, -49.4207

■ 188.3520,
-27.7815, -49.4207

■ 255.0000, 0.0000,
0.0000

■ 160.5800,
-26.9079, -49.6207

■ 227.4000,
-20.4102, -33.6768

■ 132.6230,
-25.4501, -50.5354

■ 239.2630,
-12.4547, -18.6477

■ 104.6550,
-23.9869, -53.1944

■ 251.5390, -4.2097,
-3.1037

■ 72.8000, -20.6074,
-63.8456

■ 54.8190, -26.0398,
-48.0763

■ 39.9160, -19.6786,
-35.0063

■ 27.0020, -13.3120,

-23.6808

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 188.3520,
-27.7815, -49.4207

■ 188.3520,
-27.7815, -49.4207

■ 178.8530,
-34.4375, -61.2611

■ 197.8510,
-21.1255, -37.5803

■ 169.3540,
-41.0935, -73.1015

■ 207.3500,
-14.4695, -25.7399

■ 160.2680,
-47.4601, -84.4270

■ 216.4360, -8.1029,
-14.4144

■ 150.7690,
-54.1161, -96.2674

■ 225.9350, -1.4470,
-2.5740

■ 141.2700,
-60.7721, -108.1078

■ 235.4340, 5.2090,
9.2664

■ 133.8360,
-65.9811, -117.3742

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



197.4220, -50.4940, 2.2609



188.3520, -27.7815, -49.4207



158.6760, 13.9637, -139.1589

Triad

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



188.3520, -27.7815, -49.4207



158.2320, 47.7066, -135.2615



189.3170, -10.5093, 57.6040

Complementary

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



188.3520, -27.7815, -49.4207



171.6480, 27.7815, 49.4207

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.



195.3420, 15.1144, 52.3201



188.3520, -27.7815, -49.4207



200.0130, 27.1086, -14.9204

Square

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



188.3520, -27.7815, -49.4207



164.0800, 44.8236, -143.8982



208.6270, 22.8619, 40.6691



193.1230, -36.5426, 54.2661

Rectangle

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



188.3520, -27.7815, -49.4207



164.4100, 30.8569, -144.1876



208.6270, 22.8619, 40.6691



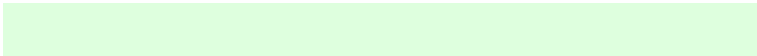
190.3090, -1.6313, 56.7340

Sweetspot

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



188.3520, -27.7815, -49.4207



241.3710, -9.5499, -16.9884



217.0560, -41.9326, 9.5979



119.3270, -6.0772, -10.8108



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.



188.3520, -27.7815, -49.4207



201.3100, -37.6208, -66.9239



193.8240, -6.8152, -54.2196



110.0440, -3.4727, -6.1776



105.0730, -51.8010, -92.1490



29.9370, -14.7589, -26.2547

Inverse Universe

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



171.6480, 27.7815, 49.4207



178.6900, 37.6208, 66.9239



166.1760, 6.8152, 54.2196



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 188.3520, -27.7815, -49.4207 looks on a white background.

Color Contrast Check

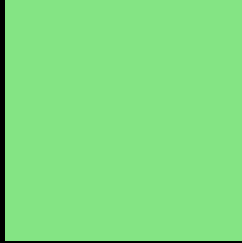
Large Text (above 18pt) WCAG AA × Fail

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 188.3520, -27.7815, -49.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

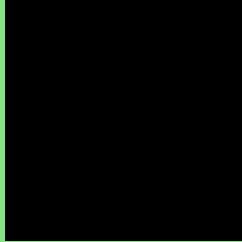
Any Text WCAG AA ✓ Pass

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 188.3520, -27.7815, -49.4207 Background



This preview shows how black text looks on a background with the YUV color 188.3520, -27.7815, -49.4207.



This preview shows how white text looks on a background with the YUV color 188.3520, -27.7815, -49.4207.

-49.4207.

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

188.3520, -27.7815, -49.4207

Protanopia

201.6320, -38.7656, 20.4937

Deuteranopia

204.4520, -32.2678, 36.4376



Tritanopia

198.8020, 16.8596, -41.0454

Trichromacy



Original Color

188.3520, -27.7815, -49.4207



Protanomaly

196.5040, -34.7585, -4.8270



Deuteranomaly

198.8950, -31.0072, 5.3541



Tritanomaly

194.8390, 0.5724, -43.7088

Monochromacy



Original Color

188.3520, -27.7815, -49.4207



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.5450, -10.1287, -18.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3520, -27.7815, -49.4207 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(132, 228, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 228, 132)  
}
```

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(132, 228, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 228, 132) }
```

Border

The CSS property to change the border of an element to YUV 188.3520, -27.7815, -49.4207 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(132, 228, 132) }
```


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

```
.border{ border-color:rgb(132, 228, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 228, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 228, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 228, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 228,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 188.3520, -27.7815, -49.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 228, 132) }
```

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

```
.background{ background-color: rgb(132,  
228, 132) }
```

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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