

Converting Colors

YUV(188.8220, -27.0272,
-11.2449)

Have a look what the booklet for
YUV(188.8220, -27.0272, -11.2449)
contains.

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Color

**YUV(188.8220, -27.0272,
-11.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CE86
RGB	176, 206, 134
RGB Percent	69%, 81%, 53%
CMY	0.3098, 0.1922, 0.4745
CMYK	0.15, 0.00, 0.35, 0.19
HSL	85°, 42%, 67%
HSV	85°, 35%, 81%
XYZ	44.2789, 55.0940, 30.8547
YIQ	188.8220, 5.2320, -28.7520

Conversions

Conversions Part 2

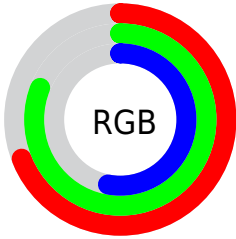
Format	Color
RYB	134, 206, 164
Decimal	11587206
CIELab	79.10, -22.29, 32.59
CIELCh	79, 39.484, 124.368
Yxy	55.0940, 0.3400, 0.4231
Android (android.graphics.Color)	4289777286 (0xFFB0CE86)
YUV	188.8220, -27.0272, -11.2449
Hunter-Lab	74.2253, -23.4106, 27.3115

Details

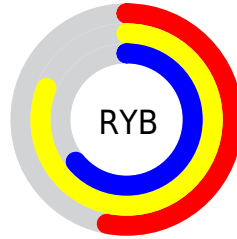
The YUV color **188.8220, -27.0272, -11.2449** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **151.1780, 27.0272, 11.2449**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4850, -25.8751, -7.4413**, and **135.1640, -25.7169, -11.5448** is the 20% darker color. If you saturate the color by 10%, you get **183.7370, -34.8733, -14.6783**, and if you desaturate by 10%, it is **193.9070, -19.1812, -7.8114**.

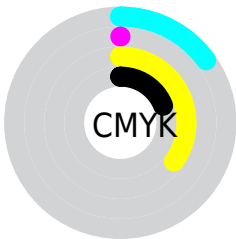
Distribution



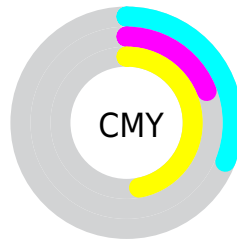
- Red (69%)
- Green (81%)
- Blue (53%)



- Red (53%)
- Yellow (81%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (35%)
- Black (19%)



- Cyan (31%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.8220, -27.0272, -11.2449 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 188.8220, -27.0272, -11.2449 by changing the saturation by 10% instead.

■ 188.8220,
-27.0272, -11.2449

■ 188.8220,
-27.0272, -11.2449

255.0000, 0.0000,
0.0000

■ 161.3490,
-26.3011, -10.8301

■ 240.4850,
-25.8751, -7.4413

■ 135.1640,
-25.7169, -11.5448

■ 250.5540,
-17.0351, 3.8991

■ 109.6910,
-24.9907, -11.1300

■ 253.7460, -4.8048,
1.0998

■ 84.9190, -24.1171,
-11.3300

■ 60.2180, -24.2645,
-10.7152

■ 38.8850, -19.1703,
-11.3001

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 188.8220,
-27.0272, -11.2449

■ 188.8220,
-27.0272, -11.2449

■ 183.7370,
-34.8733, -14.6783

■ 193.9070,
-19.1812, -7.8114

■ 179.0650,
-42.4300, -17.5970

■ 198.5790,
-11.6244, -4.8928

■ 173.9800,
-50.2761, -21.0305

■ 203.6640, -3.7784,
-1.4593

■ 169.3080,
-57.8328, -23.9491

■ 208.3360, 3.7784,
1.4593

■ 164.2230,
-65.6789, -27.3826

■ 213.4210, 11.6244,
4.8928

■ 159.4370,
-73.6724, -30.2012

■ 218.1640, 18.1601,
8.6262

■ 156.8020,
-77.3034, -32.2754

■ 220.5560, 16.9809,
13.5444

■ 223.2470, 15.6542,
19.0774

■ 225.6390, 14.4750,
23.9956

Harmonies

Analogous

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



192.6580, -34.8344, 19.5939



188.8220, -27.0272, -11.2449



183.0810, -9.8999, -44.7980

Triad

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



188.8220, -27.0272, -11.2449



178.6740, 37.6287, -76.0131



196.1620, -2.0519, 51.6009

Complementary

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



188.8220, -27.0272, -11.2449



151.1780, 27.0272, 11.2449

Split Complementary

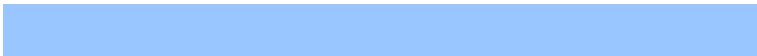
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.3960, 13.1158, 39.9947



188.8220, -27.0272, -11.2449



191.0430, 31.5308, -33.3637

Square

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



188.8220, -27.0272, -11.2449



168.9670, 33.0473, -99.9491



198.9710, 27.6223, 7.0414



194.9930, -19.2235, 52.6261

Rectangle

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



188.8220, -27.0272, -11.2449



177.7220, 4.5741, -67.2852



198.9710, 27.6223, 7.0414



198.1170, 2.9003, 49.8864

Sweetspot

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



188.8220, -27.0272, -11.2449



248.8610, -9.2985, -4.2631



173.1380, -19.2950, 28.8200



124.0830, -5.9569, -2.7038



0.0000, 0.0000, 0.0000



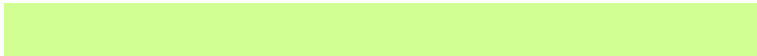
128.0000, 0.0000, 0.0000

Same Dimension

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



188.8220, -27.0272, -11.2449



229.3470, -40.1041, -16.9673



178.0580, -21.7206, -33.3769



99.6640, -3.7784, -1.4593



126.4450, -62.3374, -25.8233



28.8840, -14.2398, -6.0373

Inverse Universe

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



151.1780, 27.0272, 11.2449



173.6530, 40.1041, 16.9673



161.9420, 21.7206, 33.3769



94.3360, 3.7784, 1.4593



39.5550, 62.3374, 25.8233



9.1160, 14.2398, 6.0373

Previews

White Background



This preview shows how the YUV color 188.8220, -27.0272, -11.2449 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 188.8220, -27.0272, -11.2449 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 188.8220, -27.0272, -11.2449 Background



This preview shows how black text looks on a background with the YUV color 188.8220, -27.0272, -11.2449.



This preview shows how white text looks on a background with the YUV color 188.8220, -27.0272, -11.2449.

-11.2449.

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

188.8220, -27.0272, -11.2449

Protanopia

192.6730, -30.8978, 16.9498

Deuteranopia

195.1680, -28.1838, 33.1787



Tritanopia

195.1330, 8.3154, -7.1326

Trichromacy



Original Color

188.8220, -27.0272, -11.2449

Protanomaly

191.2480, -29.7023, 6.7985

Deuteranomaly

192.8840, -27.5508, 16.7647

Tritanomaly

193.0930, -4.4828, -8.8516

Monochromacy



Original Color

188.8220, -27.0272, -11.2449

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.7470, -9.7353, -4.1631

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8220, -27.0272, -11.2449 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(176, 206, 134)` looks like.

```
.text, #text, p{  
    color:rgb(176, 206, 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(176, 206, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 206, 134) }
```

Border

The CSS property to change the border of an element to YUV 188.8220, -27.0272, -11.2449 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(176, 206, 134) }
```


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

```
.border{ border-color:rgb(176, 206, 134) }
```

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

Here you see how a box with a 4 pixel rgb(176, 206, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 206, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 206, 134);  
box-shadow:4px 4px 4px 4px rgb(176, 206,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 188.8220, -27.0272, -11.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 206, 134) }
```

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

```
.background{ background-color: rgb(176,  
206, 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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