

Converting Colors

YUV(189.1400, -29.6490,
-57.1278)

Have a look what the booklet for
YUV(189.1400, -29.6490, -57.1278)
contains.

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Color

**YUV(189.1400, -29.6490,
-57.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	7CEA81
RGB	124, 234, 129
RGB Percent	49%, 92%, 51%
CMY	0.5137, 0.0824, 0.4941
CMYK	0.47, 0.00, 0.45, 0.08
HSL	123°, 72%, 70%
HSV	123°, 47%, 92%
XYZ	41.6974, 64.7157, 31.0626
YIQ	189.1400, -31.8550, -55.9750

Conversions

Conversions Part 2

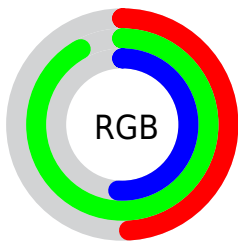
Format	Color
RYB	124, 229, 234
Decimal	8186497
CIELab	84.34, -52.57, 41.33
CIELCh	84, 66.871, 141.821
Yxy	64.7157, 0.3033, 0.4707
Android (android.graphics.Color)	4286376577 (0xFF7CEA81)
YUV	189.1400, -29.6490, -57.1278
Hunter-Lab	80.4461, -48.2591, 33.4187

Details

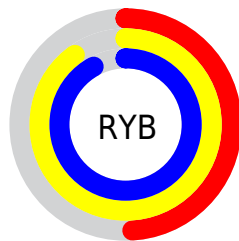
The YUV color **189.1400, -29.6490, -57.1278** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **168.8600, 29.6490, 57.1278**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9650, -20.6887, -37.6803**, and **131.8130, -27.0228, -59.4720** is the 20% darker color. If you saturate the color by 10%, you get **179.7550, -35.8682, -69.0681**, and if you desaturate by 10%, it is **198.5250, -23.4298, -45.1874**.

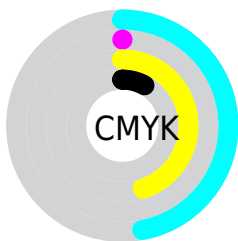
Distribution



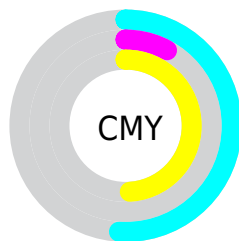
- Red (49%)
- Green (92%)
- Blue (51%)



- Red (49%)
- Yellow (90%)
- Blue (92%)



- Cyan (47%)
- Magenta (0%)
- Yellow (45%)
- Black (8%)



- Cyan (51%)
- Magenta (8%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1400, -29.6490, -57.1278 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 189.1400, -29.6490, -57.1278 by changing the saturation by 10% instead.

■ 189.1400,
-29.6490, -57.1278

■ 189.1400,
-29.6490, -57.1278

255.0000, 0.0000,
0.0000

■ 160.4820,
-28.3386, -57.4277

■ 224.9650,
-20.6887, -37.6803

■ 131.8130,
-27.0228, -59.4720

■ 236.8280,
-12.7332, -22.6512

■ 101.7520,
-24.5277, -66.4345

■ 249.1040, -4.4883,
-7.1072

■ 75.1650, -24.2383,
-65.9197

■ 57.5260, -28.3603,
-50.4503

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,

-25.7399

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 189.1400,
-29.6490, -57.1278

■ 189.1400,
-29.6490, -57.1278

■ 179.7550,
-35.8682, -69.0681

■ 198.5250,
-23.4298, -45.1874

■ 169.9570,
-42.3768, -81.5233

■ 208.3230,
-16.9212, -32.7323

■ 160.5720,
-48.5960, -93.4636

■ 217.7080,
-10.7020, -20.7919

■ 150.8880,
-54.6678, -106.0188

■ 227.3920, -4.6303,
-8.2368

■ 141.3890,
-61.3238, -117.8592

■ 236.8910, 2.0257,
3.6036

■ 138.6120,
-62.9127, -121.5627

■ 242.6730, 6.0772,
10.8108

Harmonies

Analogous

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



199.6300, -56.0196, 1.2015



189.1400, -29.6490, -57.1278



163.1270, 13.2484, -143.0624

Triad

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



189.1400, -29.6490, -57.1278



159.3840, 47.1387, -139.7798



188.0290, -10.3673, 58.7336

Complementary

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



189.1400, -29.6490, -57.1278



168.8600, 29.6490, 57.1278

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.



194.0370, 17.7298, 53.4646



189.1400, -29.6490, -57.1278



202.0730, 26.0930, -15.8500

Square

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



189.1400, -29.6490, -57.1278



167.6020, 43.0872, -146.9870



208.0400, 23.1513, 41.1839



193.0260, -39.4528, 54.3512

Rectangle

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



189.1400, -29.6490, -57.1278



168.7300, 32.1781, -147.9762



208.0400, 23.1513, 41.1839



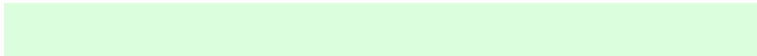
188.6620, -0.3264, 58.1784

Sweetspot

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



189.1400, -29.6490, -57.1278



240.3600, -9.5445, -18.7327



220.2640, -47.4582, 8.5385



119.0280, -5.9298, -11.4256



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.



189.1400, -29.6490, -57.1278



196.7390, -38.3253, -74.3161



195.2960, -6.0619, -62.5266



112.4570, -3.1833, -5.6628



107.1590, -48.8854, -93.9784



31.9260, -14.7535, -27.9991

Inverse Universe

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



168.8600, 29.6490, 57.1278



170.3750, 38.7621, 74.2161



162.7040, 6.0619, 62.5266



110.5430, 3.1833, 5.6628



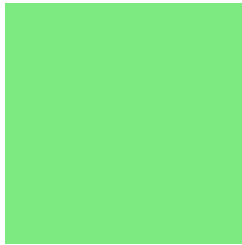
73.8410, 48.8854, 93.9784



21.9600, 14.3167, 28.0991

Previews

White Background



This preview shows how the YUV color 189.1400, -29.6490, -57.1278 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 189.1400, -29.6490, -57.1278 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 189.1400, -29.6490, -57.1278 Background



This preview shows how black text looks on a background with the YUV color 189.1400, -29.6490, -57.1278.



This preview shows how white text looks on a background with the YUV color 189.1400, -29.6490, -57.1278.

-57.1278.

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

189.1400, -29.6490, -57.1278

Protanopia

204.8340, -41.8232, 21.1936

Deuteranopia

208.0670, -35.0360, 37.6522



Tritanopia

200.9260, 18.7705, -47.2931

Trichromacy



Original Color

189.1400, -29.6490, -57.1278



Protanomaly

199.0970, -37.5158, -7.1011



Deuteranomaly

201.0150, -33.0384, 3.4948



Tritanomaly

196.9090, 1.0309, -50.7862

Monochromacy



Original Color

189.1400, -29.6490, -57.1278



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.7080, -10.7020, -20.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1400, -29.6490, -57.1278 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(124, 234, 129)` looks like.

```
.text, #text, p{  
    color:rgb(124, 234, 129)  
}
```

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(124, 234, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 234, 129) }
```

Border

The CSS property to change the border of an element to YUV 189.1400, -29.6490, -57.1278 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(124, 234, 129) }
```


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

```
.border{ border-color:rgb(124, 234, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 234, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 234, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 234, 129);  
box-shadow:4px 4px 4px 4px rgb(124, 234,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 189.1400, -29.6490, -57.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 234, 129) }
```

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

```
.background{ background-color: rgb(124,  
234, 129) }
```

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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