

Converting Colors

YUV(189.7490, -26.4983,
-40.9989)

Have a look what the booklet for
YUV(189.7490, -26.4983, -40.9989)
contains.

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Color

**YUV(189.7490, -26.4983,
-40.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE088
RGB	143, 224, 136
RGB Percent	56%, 88%, 53%
CMY	0.4392, 0.1216, 0.4667
CMYK	0.36, 0.00, 0.39, 0.12
HSL	115°, 59%, 71%
HSV	115°, 39%, 88%
XYZ	42.4273, 60.9285, 32.8168
YIQ	189.7490, -20.0280, -44.5400

Conversions

Conversions Part 2

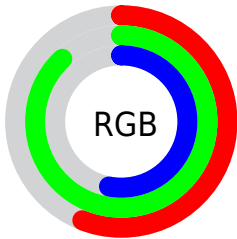
Format	Color
RYB	136, 224, 217
Decimal	9429128
CIELab	82.34, -41.76, 35.46
CIELCh	82, 54.780, 139.662
Yxy	60.9285, 0.3116, 0.4474
Android (android.graphics.Color)	4287619208 (0xFF8FE088)
YUV	189.7490, -26.4983, -40.9989
Hunter-Lab	78.0567, -39.5766, 29.7129

Details

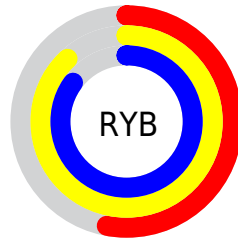
The YUV color **189.7490, -26.4983, -40.9989** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **170.2510, 26.4983, 40.9989**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8460, -20.1371, -27.9289**, and **134.6180, -24.4617, -40.8840** is the 20% darker color. If you saturate the color by 10%, you get **180.9620, -33.0123, -51.7097**, and if you desaturate by 10%, it is **198.5360, -19.9842, -30.2881**.

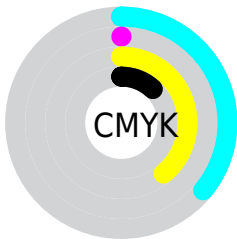
Distribution



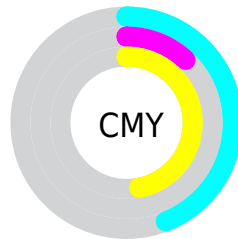
- Red (56%)
- Green (88%)
- Blue (53%)



- Red (53%)
- Yellow (88%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (39%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7490, -26.4983, -40.9989 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 189.7490, -26.4983, -40.9989 by changing the saturation by 10% instead.

■ 189.7490,
-26.4983, -40.9989

■ 189.7490,
-26.4983, -40.9989

255.0000, 0.0000,
0.0000

■ 161.9770,
-25.6247, -41.1988

■ 230.8460,
-20.1371, -27.9289

■ 134.6180,
-24.4617, -40.8840

■ 242.7090,
-12.1815, -12.8998

■ 107.5470,
-23.4407, -41.6987

■ 254.0880, -3.4944,
0.7998

■ 80.5790, -21.9774,
-44.3578

■ 53.9700, -21.6772,
-47.3317

■ 38.7420, -19.0998,
-33.9767

■ 25.2410, -12.4438,

-22.1364

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 189.7490,
-26.4983, -40.9989

■ 189.7490,
-26.4983, -40.9989

■ 180.9620,
-33.0123, -51.7097

■ 198.5360,
-19.9842, -30.2881

■ 172.3600,
-40.1105, -61.7057

■ 207.1380,
-12.8860, -20.2920

■ 163.5730,
-46.6245, -72.4165

■ 215.9250, -6.3720,
-9.5812

■ 154.9710,
-53.7227, -82.4126

■ 224.5270, 0.7262,
0.4148

■ 146.1840,
-60.2367, -93.1234

■ 233.3140, 7.2402,
11.1256

■ 137.3970,
-66.7507, -103.8342

■ 236.8030, 8.9711,
15.9588

■ 136.8700,
-67.4769, -104.2490

Harmonies

Analogous

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



197.1110, -45.4107, 5.1647



189.7490, -26.4983, -40.9989



171.6480, 6.5825, -104.9313

Triad

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



189.7490, -26.4983, -40.9989



175.3080, 39.2882, -94.9861



192.2350, -9.4829, 55.0449

Complementary

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



189.7490, -26.4983, -40.9989



170.2510, 26.4983, 40.9989

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.



198.1630, 13.2306, 49.8460



189.7490, -26.4983, -40.9989



199.4150, 27.4034, -16.1500

Square

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



189.7490, -26.4983, -40.9989



162.3190, 45.6917, -142.3538



208.6050, 22.8727, 37.1804



194.7360, -32.9008, 52.8515

Rectangle

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



189.7490, -26.4983, -40.9989



160.6770, 29.2462, -140.9137



208.6050, 22.8727, 37.1804



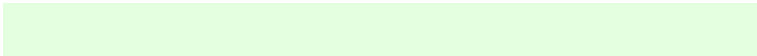
192.9990, -1.4785, 54.3749

Sweetspot

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



189.7490, -26.4983, -40.9989



243.0940, -9.4133, -14.1144



209.8590, -36.4125, 12.4017



120.8650, -5.3564, -8.6516



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.



189.7490, -26.4983, -40.9989



208.4300, -36.2010, -55.6281



191.8740, -9.3049, -49.0015



107.7560, -3.3307, -5.0480



107.4980, -52.9965, -81.9977



29.3720, -14.4804, -22.2512

Inverse Universe

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



170.2510, 26.4983, 40.9989



181.5700, 36.2010, 55.6281



168.1260, 9.3049, 49.0015



105.2440, 3.3307, 5.0480



68.5020, 52.9965, 81.9977



18.9270, 14.3330, 22.8660

Previews

White Background



This preview shows how the YUV color 189.7490, -26.4983, -40.9989 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 189.7490, -26.4983, -40.9989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

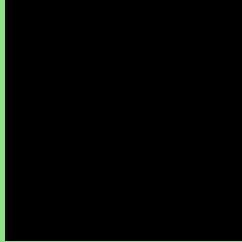
Any Text WCAG AA ✓ Pass

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 189.7490, -26.4983, -40.9989 Background



This preview shows how black text looks on a background with the YUV color 189.7490, -26.4983, -40.9989.



This preview shows how white text looks on a background with the YUV color 189.7490, -26.4983, -40.9989.

-40.9989.

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

189.7490, -26.4983, -40.9989

Protanopia

200.7180, -35.8500, 18.6643

Deuteranopia

203.4240, -29.7890, 34.7082



Tritanopia

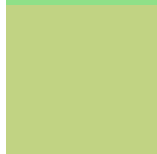
199.0910, 15.2381, -34.2828

Trichromacy



Original Color

189.7490, -26.4983, -40.9989



Protanomaly

196.4980, -32.2905, -3.0677



Deuteranomaly

198.7750, -28.9761, 7.2133



Tritanomaly

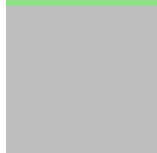
195.7690, 0.1139, -36.6314

Monochromacy



Original Color

189.7490, -26.4983, -40.9989



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.6810, -9.7027, -14.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7490, -26.4983, -40.9989 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(143, 224, 136)` looks like.

```
.text, #text, p{  
    color:rgb(143, 224, 136)  
}
```

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(143, 224, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 224, 136) }
```

Border

The CSS property to change the border of an element to YUV 189.7490, -26.4983, -40.9989 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(143, 224, 136) }
```


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

```
.border{ border-color:rgb(143, 224, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 224, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 224, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 224, 136);  
box-shadow:4px 4px 4px 4px rgb(143, 224,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 189.7490, -26.4983, -40.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 224, 136) }
```

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

```
.background{ background-color: rgb(143,  
224, 136) }
```

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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