

Converting Colors

YUV(189.7690, -16.6481,
-26.9844)

Have a look what the booklet for
YUV(189.7690, -16.6481, -26.9844)
contains.

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Color

**YUV(189.7690, -16.6481,
-26.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD49C
RGB	159, 212, 156
RGB Percent	62%, 83%, 61%
CMY	0.3765, 0.1686, 0.3882
CMYK	0.25, 0.00, 0.26, 0.17
HSL	117°, 39%, 72%
HSV	117°, 26%, 83%
XYZ	43.8423, 56.8582, 40.1165
YIQ	189.7690, -13.6120, -28.6520

Conversions

Conversions Part 2

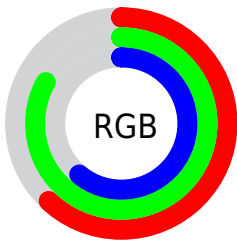
Format	Color
RYB	156, 212, 209
Decimal	10474652
CIELab	80.10, -27.90, 22.31
CIELCh	80, 35.721, 141.348
Yxy	56.8582, 0.3113, 0.4038
Android (android.graphics.Color)	4288664732 (0xFF9FD49C)
YUV	189.7690, -16.6481, -26.9844
Hunter-Lab	75.4044, -28.1725, 21.2397

Details

The YUV color **189.7690, -16.6481, -26.9844** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178.2310, 16.6481, 26.9844**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0240, -13.3228, -20.1920**, and **135.7090, -15.6325, -26.0548** is the 20% darker color. If you saturate the color by 10%, you get **181.3950, -22.8727, -37.1804**, and if you desaturate by 10%, it is **198.1430, -10.4235, -16.7884**.

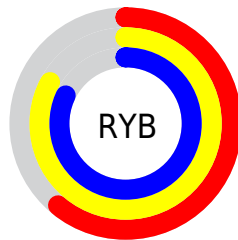
Distribution



Red (62%)

Green (83%)

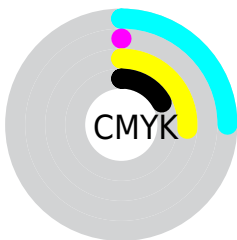
Blue (61%)



Red (61%)

Yellow (83%)

Blue (82%)

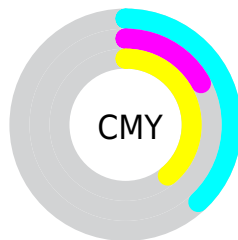


Cyan (25%)

Magenta (0%)

Yellow (26%)

Black (17%)



Cyan (38%)

Magenta (17%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7690, -16.6481, -26.9844 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 189.7690, -16.6481, -26.9844 by changing the saturation by 10% instead.

■ 189.7690,
-16.6481, -26.9844

■ 189.7690,
-16.6481, -26.9844

255.0000, 0.0000,
0.0000

■ 162.2960,
-15.9219, -26.5696

■ 238.0240,
-13.3228, -20.1920

■ 135.7090,
-15.6325, -26.0548

■ 249.5880, -5.2199,
-5.7777

■ 110.2360,
-14.9063, -25.6400

■ 84.8770, -13.7434,
-25.3251

■ 60.6920, -13.1592,
-26.0399

■ 35.5390, -11.1117,
-29.4137

■ 21.1320, -10.4181,

-18.5328

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 189.7690,
-16.6481, -26.9844

■ 189.7690,
-16.6481, -26.9844

■ 181.3950,
-22.8727, -37.1804

■ 198.1430,
-10.4235, -16.7884

■ 173.0210,
-29.0974, -47.3764

■ 206.5170, -4.1989,
-6.5924

■ 164.5330,
-35.7588, -57.4724

■ 215.0050, 2.4625,
3.5036

■ 156.1590,
-41.9834, -67.6684

■ 223.3790, 8.6872,
13.6996

■ 147.7850,
-48.2080, -77.8644

■ 229.7590, 12.4438,
22.1364

■ 139.4110,
-54.4326, -88.0604

■ 131.0370,
-60.6572, -98.2564

■ 127.7330,
-62.9724, -102.3748

Harmonies

Analogous

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



194.1550, -28.6704, 2.4951



189.7690, -16.6481, -26.9844



183.9900, 1.4839, -56.1192

Triad

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



189.7690, -16.6481, -26.9844



190.9660, 31.5688, -45.5742



199.0340, -11.3558, 49.0822

Complementary

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



189.7690, -16.6481, -26.9844



178.2310, 16.6481, 26.9844

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.



202.3230, 3.7848, 46.1977



189.7690, -16.6481, -26.9844



199.7580, 27.2343, -8.5578

Square

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



189.7690, -16.6481, -26.9844



182.2350, 33.4081, -75.6281



203.6760, 18.4007, 24.8401



199.9510, -25.6118, 48.2780

Rectangle

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



189.7690, -16.6481, -26.9844



180.4360, 15.0681, -73.1734



203.6760, 18.4007, 24.8401



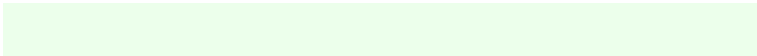
199.7010, -6.2616, 48.4972

Sweetspot

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



189.7690, -16.6481, -26.9844



247.0390, -5.9352, -9.6812



203.2680, -23.3031, 7.6580



122.6310, -3.7621, -6.6924



0.0000, 0.0000, 0.0000



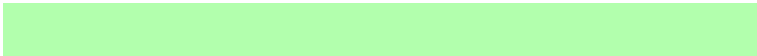
128.0000, 0.0000, 0.0000

Same Dimension

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



189.7690, -16.6481, -26.9844



222.6290, -24.4671, -39.1396



191.6080, -5.7227, -31.2282



102.7560, -3.3307, -5.0480



103.0680, -50.8125, -82.4976



25.8390, -12.7386, -20.9068

Inverse Universe

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



178.2310, 16.6481, 26.9844



205.6700, 24.3197, 39.7544



176.3920, 5.7227, 31.2282



100.5430, 3.1833, 5.6628



67.9320, 50.8125, 82.4976



17.1610, 12.7386, 20.9068

Previews

White Background



This preview shows how the YUV color 189.7690, -16.6481, -26.9844 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 189.7690, -16.6481, -26.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

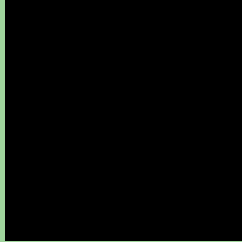
Any Text WCAG AA ✓ Pass

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 189.7690, -16.6481, -26.9844 Background



This preview shows how black text looks on a background with the YUV color 189.7690, -16.6481, -26.9844.



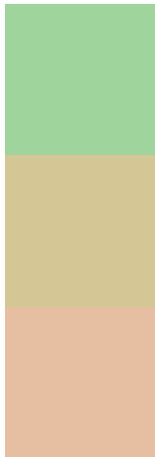
This preview shows how white text looks on a background with the YUV color 189.7690, -16.6481, -26.9844.

-26.9844.

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

189.7690, -16.6481, -26.9844

Protanopia

196.6000, -23.4668, 13.5058

Deuteranopia

198.6540, -18.5634, 27.4904



Tritanopia

195.6580, 12.0006, -22.5021

Trichromacy



Original Color

189.7690, -16.6481, -26.9844

Protanomaly

194.1960, -20.8026, -1.0489

Deuteranomaly

195.3480, -17.9196, 7.5878

Tritanomaly

193.6010, 1.6757, -24.2061

Monochromacy



Original Color

189.7690, -16.6481, -26.9844

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0390, -5.9352, -9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7690, -16.6481, -26.9844 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(159, 212, 156)` looks like.

```
.text, #text, p{  
    color:rgb(159, 212, 156)  
}
```

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(159, 212, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 212, 156) }
```

Border

The CSS property to change the border of an element to YUV 189.7690, -16.6481, -26.9844 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(159, 212, 156) }
```


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

```
.border{ border-color:rgb(159, 212, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 212, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 212, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 212, 156); box-shadow:4px 4px 4px 4px rgb(159, 212, 156) }
```

Background

The CSS property to change the background color of an element to YUV 189.7690, -16.6481, -26.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 212, 156) }
```

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

```
.background{ background-color: rgb(159,  
212, 156) }
```

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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