

Converting Colors

YUV(185.3270, -29.7412,
-27.4738)

Have a look what the booklet for
YUV(185.3270, -29.7412, -27.4738)
contains.

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Color

**YUV(185.3270, -29.7412,
-27.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD57D
RGB	154, 213, 125
RGB Percent	60%, 84%, 49%
CMY	0.3961, 0.1647, 0.5098
CMYK	0.28, 0.00, 0.41, 0.16
HSL	100°, 51%, 66%
HSV	100°, 41%, 84%
XYZ	40.8223, 55.9392, 28.0478
YIQ	185.3270, -6.9160, -39.8760

Conversions

Conversions Part 2

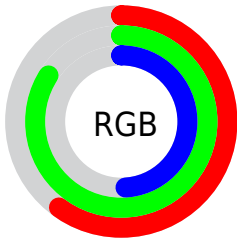
Format	Color
RYB	125, 213, 184
Decimal	10147197
CIELab	79.58, -34.73, 37.54
CIElCh	80, 51.142, 132.780
Yxy	55.9392, 0.3271, 0.4482
Android (android.graphics.Color)	4288337277 (0xFF9AD57D)
YUV	185.3270, -29.7412, -27.4738
Hunter-Lab	74.7925, -33.4602, 30.1205

Details

The YUV color **185.3270, -29.7412, -27.4738** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **152.6730, 29.7412, 27.4738**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8810, -26.5633, -20.0666**, and **131.0820, -28.1414, -27.2589** is the 20% darker color. If you saturate the color by 10%, you get **178.7470, -36.8503, -33.9811**, and if you desaturate by 10%, it is **191.9070, -22.6322, -20.9664**.

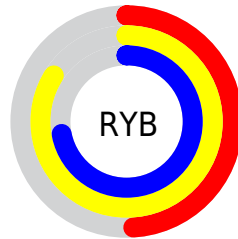
Distribution



Red (60%)

Green (84%)

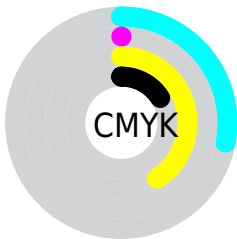
Blue (49%)



Red (49%)

Yellow (84%)

Blue (72%)

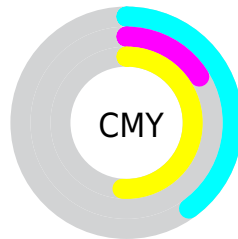


Cyan (28%)

Magenta (0%)

Yellow (41%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.3270, -29.7412, -27.4738 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 185.3270, -29.7412, -27.4738 by changing the saturation by 10% instead.

■ 185.3270,
-29.7412, -27.4738

■ 185.3270,
-29.7412, -27.4738

255.0000, 0.0000,
0.0000

■ 157.8540,
-29.0150, -27.0590

■ 232.8810,
-26.5633, -20.0666

■ 131.0820,
-28.1414, -27.2589

■ 244.7440,
-18.6078, -5.0375

■ 105.3100,
-27.2678, -27.4589

■ 252.7200, -8.7360,
1.9996

■ 79.4240, -26.8310,
-27.5588

■ 53.2280, -26.2414,
-30.0180

■ 34.0460, -16.7847,
-29.8583

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 185.3270,
-29.7412, -27.4738

■ 185.3270,
-29.7412, -27.4738

■ 178.7470,
-36.8503, -33.9811

■ 191.9070,
-22.6322, -20.9664

■ 171.7540,
-44.2487, -41.0033

■ 198.9000,
-15.2337, -13.9443

■ 165.1740,
-51.3578, -47.5106

■ 205.4800, -8.1246,
-7.4370

■ 158.5940,
-58.4668, -54.0179

■ 212.0600, -1.0156,
-0.9296

■ 151.9000,
-66.0127, -60.4253

■ 218.7540, 6.5303,
5.4777

■ 145.9610,
-71.9588, -66.6178

■ 225.6330, 13.4919,
12.5999

■ 230.0470, 12.3018,
21.0068

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

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



191.3940, -44.5642, 13.6865



185.3270, -29.7412, -27.4738



173.8920, -3.3978, -77.0813

Triad

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



185.3270, -29.7412, -27.4738



163.4030, 45.1573, -110.8554



189.2830, -5.5625, 57.6338

Complementary

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



185.3270, -29.7412, -27.4738



152.6730, 29.7412, 27.4738

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.



197.2170, 14.6830, 50.6757



185.3270, -29.7412, -27.4738



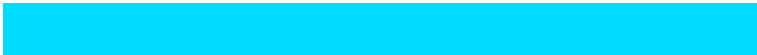
190.4780, 31.8093, -29.3602

Square

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



185.3270, -29.7412, -27.4738



157.6230, 48.0069, -138.2354



201.1410, 26.5525, 23.5553



190.2510, -27.2387, 56.7849

Rectangle

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



185.3270, -29.7412, -27.4738



153.1140, 23.1148, -134.2810



201.1410, 26.5525, 23.5553



191.2210, 1.8630, 55.9342

Sweetspot

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



185.3270, -29.7412, -27.4738



245.1870, -10.4452, -9.8110



185.9450, -30.0459, 23.7272



122.3600, -6.0935, -5.5777



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.



185.3270, -29.7412, -27.4738



215.1070, -42.9438, -39.5588



178.3660, -18.9144, -46.8020



103.6530, -3.7729, -3.2037



117.1210, -57.7407, -53.6031



29.4270, -14.5075, -13.5295

Inverse Universe

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



152.6730, 29.7412, 27.4738



167.8930, 42.9438, 39.5588



159.6340, 18.9144, 46.8020



99.6460, 3.6255, 3.8185



53.8790, 57.7407, 53.6031



13.5730, 14.5075, 13.5295

Previews

White Background



This preview shows how the YUV color 185.3270, -29.7412, -27.4738 looks on a white background.

Color Contrast Check

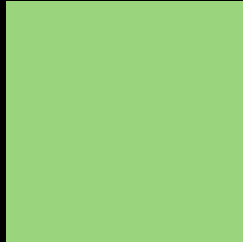
Large Text (above 18pt) WCAG AA × Fail

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 185.3270, -29.7412, -27.4738 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 185.3270, -29.7412, -27.4738 Background



This preview shows how black text looks on a background with the YUV color 185.3270, -29.7412, -27.4738.



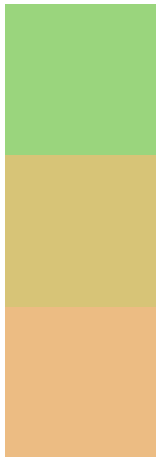
This preview shows how white text looks on a background with the YUV color 185.3270, -29.7412, -27.4738.

-27.4738.

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

185.3270, -29.7412, -27.4738

Protanopia

192.9030, -36.4342, 19.3791

Deuteranopia

195.8540, -31.9730, 35.2080



Tritanopia

193.9570, 11.8532, -21.8873

Trichromacy



Original Color

185.3270, -29.7412, -27.4738

Protanomaly

190.0750, -34.0540, 2.5652

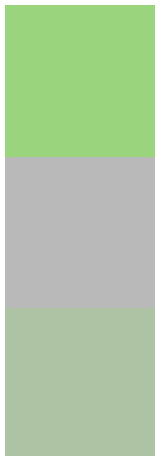
Deuteranomaly

191.9390, -31.0289, 12.3315

Tritanomaly

190.9340, -3.4185, -23.6211

Monochromacy



Original Color

185.3270, -29.7412, -27.4738

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0730, -10.8820, -9.7110

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.3270, -29.7412, -27.4738 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(154, 213, 125)` looks like.

```
.text, #text, p{  
    color:rgb(154, 213, 125)  
}
```

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(154, 213, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 213, 125) }
```

Border

The CSS property to change the border of an element to YUV 185.3270, -29.7412, -27.4738 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(154, 213, 125) }
```


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

```
.border{ border-color:rgb(154, 213, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 213, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 213, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 213, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 213,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 185.3270, -29.7412, -27.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 213, 125) }
```

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

```
.background{ background-color: rgb(154,  
213, 125) }
```

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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