

Converting Colors

YUV(166.0190, -29.0964,
-0.8937)

Have a look what the booklet for
YUV(166.0190, -29.0964, -0.8937)
contains.

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Color

**YUV(166.0190, -29.0964,
-0.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B26B
RGB	165, 178, 107
RGB Percent	65%, 70%, 42%
CMY	0.3529, 0.3020, 0.5804
CMYK	0.07, 0.00, 0.40, 0.30
HSL	71°, 32%, 56%
HSV	71°, 40%, 70%
XYZ	34.0913, 40.9017, 20.0079
YIQ	166.0190, 15.0430, -24.8370

Conversions

Conversions Part 2

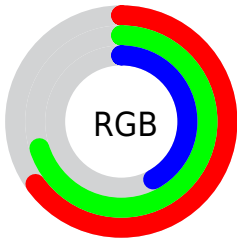
Format	Color
RYB	107, 178, 120
Decimal	10859115
CIELab	70.11, -15.90, 34.76
CIElCh	70, 38.219, 114.579
Yxy	40.9017, 0.3589, 0.4305
Android (android.graphics.Color)	4289049195 (0xFFA5B26B)
YUV	166.0190, -29.0964, -0.8937
Hunter-Lab	63.9544, -16.7697, 26.2194

Details

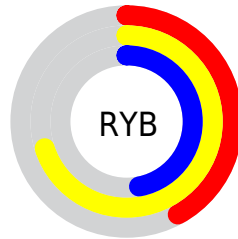
The YUV color **166.0190, -29.0964, -0.8937** is a light color, and the websafe version is hex **999966**. A complement of this color would be **118.9810, 29.0964, 0.8937**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5630, -30.8436, -0.4938**, and **113.4750, -27.3492, -1.2936** is the 20% darker color. If you saturate the color by 10%, you get **163.0700, -36.5165, -0.9384**, and if you desaturate by 10%, it is **168.9680, -21.6762, -0.8489**.

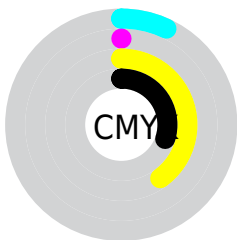
Distribution



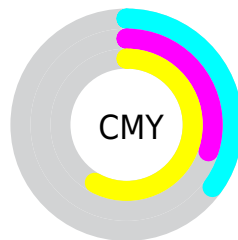
- Red (65%)
- Green (70%)
- Blue (42%)



- Red (42%)
- Yellow (70%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (40%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0190, -29.0964, -0.8937 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 166.0190, -29.0964, -0.8937 by changing the saturation by 10% instead.

■ 166.0190,
-29.0964, -0.8937

■ 166.0190,
-29.0964, -0.8937

255.0000, 0.0000,
0.0000

■ 139.2470,
-28.2228, -1.0936

■ 221.5630,
-30.8436, -0.4938

■ 113.4750,
-27.3492, -1.2936

■ 245.7530,
-28.9652, 3.7246

■ 88.2900, -26.7650,
-2.0083

■ 250.4400,
-17.4719, 3.9991

■ 64.7630, -27.4912,
-2.4232

■ 253.6320, -5.2416,
1.1997

■ 43.6580, -21.5234,
-3.2081

■ 23.5570, -11.6136,
-8.3815

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 166.0190,
-29.0964, -0.8937

■ 166.0190,
-29.0964, -0.8937

■ 163.0700,
-36.5165, -0.9384

■ 168.9680,
-21.6762, -0.8489

■ 159.8220,
-43.7892, -1.5979

■ 172.2160,
-14.4035, -0.1894

■ 156.9870,
-50.7726, -1.7426

■ 175.0510, -7.4201,
-0.0447

■ 154.0380,
-58.1927, -1.7873

■ 178.0000, 0.0000,
0.0000

■ 151.0890,
-65.6129, -1.8321

■ 180.9490, 7.4201,
0.0447

■ 147.8410,
-72.8856, -2.4916

■ 184.1970, 14.6929,
0.7042

■ 187.1460, 22.1130,
0.7490

■ 189.9810, 29.0964,
0.8937

■ 191.5620, 31.2749,
2.1381

Harmonies

Analogous

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



169.4570, -33.2563, 26.7862



166.0190, -29.0964, -0.8937



161.0780, -15.3215, -32.5174

Triad

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



166.0190, -29.0964, -0.8937



147.6290, 39.1299, -90.8826



175.4870, 1.7319, 51.3159

Complementary

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



166.0190, -29.0964, -0.8937



118.9810, 29.0964, 0.8937

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.



175.8830, 17.8057, 29.0436



166.0190, -29.0964, -0.8937



163.8500, 37.5419, -48.1035

Square

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



166.0190, -29.0964, -0.8937



140.2070, 28.9849, -103.6675



173.1650, 29.9917, -6.2837



173.5790, -14.5824, 57.3742

Rectangle

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



166.0190, -29.0964, -0.8937



156.3770, -2.1579, -54.7046



173.1650, 29.9917, -6.2837



175.6480, 7.5685, 45.9127

Sweetspot

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



166.0190, -29.0964, -0.8937



227.3130, -11.4933, -0.2745



135.2730, -13.9386, 37.4716



114.2790, -6.5465, -0.2447



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



166.0190, -29.0964, -0.8937



213.3660, -45.5364, -1.1980



155.8530, -24.0845, -21.7961



87.6750, -3.7838, 0.2850



127.1860, -62.7027, -1.9171



21.5410, -10.6197, -0.4745

Inverse Universe

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



118.9810, 29.0964, 0.8937



139.6340, 45.5364, 1.1980



129.1470, 24.0845, 21.7961



81.6240, 3.6364, 0.3298



25.8140, 62.7027, 1.9171



4.4590, 10.6197, 0.4745

Previews

White Background



This preview shows how the YUV color 166.0190, -29.0964, -0.8937 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 166.0190, -29.0964, -0.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

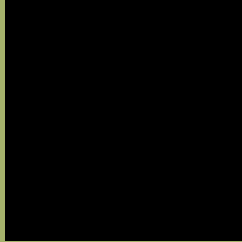
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.0190, -29.0964, -0.8937

Background



This preview shows how black text looks on a background with the YUV color 166.0190, -29.0964, -0.8937.



This preview shows how white text looks on a background with the YUV color 166.0190, -29.0964, -0.8937.

-0.8937.

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

166.0190, -29.0964, -0.8937

Protanopia

168.1460, -31.6240, 16.5350

Deuteranopia

170.4020, -29.7782, 31.2194



Tritanopia

171.9770, 4.9413, 1.7742

Trichromacy



Original Color

166.0190, -29.0964, -0.8937

Protanomaly

167.6290, -30.8761, 9.9724

Deuteranomaly

168.7380, -29.4508, 19.5238

Tritanomaly

169.7630, -7.2782, 1.0848

Monochromacy



Original Color

166.0190, -29.0964, -0.8937

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9540, -10.3303, 0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0190, -29.0964, -0.8937 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(165, 178, 107)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 107)  
}
```

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(165, 178, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 107) }
```

Border

The CSS property to change the border of an element to YUV 166.0190, -29.0964, -0.8937 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(165, 178, 107) }
```


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

```
.border{ border-color:rgb(165, 178, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 178, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 107);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 166.0190, -29.0964, -0.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 178, 107) }
```

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

```
.background{ background-color: rgb(165,  
178, 107) }
```

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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