

Converting Colors

YUV(166.6230, -1.2931,
41.5496)

Have a look what the booklet for
YUV(166.6230, -1.2931, 41.5496)
contains.

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Color

**YUV(166.6230, -1.2931,
41.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FA4
RGB	214, 143, 164
RGB Percent	84%, 56%, 64%
CMY	0.1608, 0.4392, 0.3569
CMYK	0.00, 0.33, 0.23, 0.16
HSL	342°, 46%, 70%
HSV	342°, 33%, 84%
XYZ	44.2549, 36.6214, 39.8581
YIQ	166.6230, 35.5750, 21.5830

Conversions

Conversions Part 2

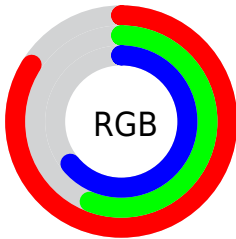
Format	Color
R _Y B	214, 143, 164
Decimal	14061476
CIE Lab	66.99, 29.81, 0.02
CIE LCh	67, 29.811, 0.038
Yxy	36.6214, 0.3665, 0.3033
Android (android.graphics.Color)	4292251556 (0xFFD68FA4)
YUV	166.6230, -1.2931, 41.5496
Hunter-Lab	60.5156, 24.6341, 3.3101

Details

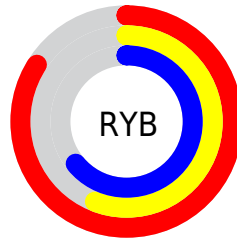
The YUV color **166.6230, -1.2931, 41.5496** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.3770, 1.2931, -41.5496**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8500, 1.0600, 33.4576**, and **114.0140, -0.9929, 38.5757** is the 20% darker color. If you saturate the color by 10%, you get **152.5860, -1.7679, 53.8601**, and if you desaturate by 10%, it is **180.6600, -0.8184, 29.2392**.

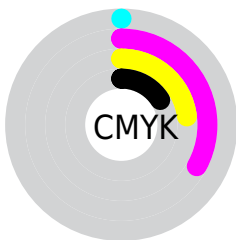
Distribution



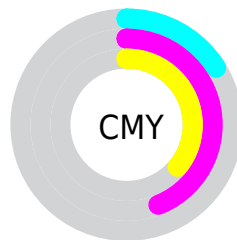
- Red (84%)
- Green (56%)
- Blue (64%)



- Red (84%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6230, -1.2931, 41.5496 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 166.6230, -1.2931, 41.5496 by changing the saturation by 10% instead.


 166.6230, -1.2931,
41.5496

 166.6230, -1.2931,
41.5496


255.0000, 0.0000,
0.0000

 140.0250, -0.9983,
40.3201


 216.8500, 1.0600,
33.4576

 114.0140, -0.9929,
38.5757

 237.0650, 4.8980,
15.7290

 88.5300, -0.2613,
37.2462

 63.7470, 0.6177,
35.3019

 39.6760, 1.6387,
34.4871

 18.6540, 1.6496,
30.9984

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 166.6230, -1.2931,
41.5496

■ 166.6230, -1.2931,
41.5496

■ 152.5860, -1.7679,
53.8601

■ 180.6600, -0.8184,
29.2392

■ 137.9620, -1.9533,
66.6853

■ 195.2840, -0.6330,
16.4139

■ 123.9250, -2.4280,
78.9958

■ 209.3210, -0.1583,
4.1035

■ 109.3010, -2.6134,
91.8210

■ 223.9450, 0.0271,
-8.7218

■ 95.2640, -3.0882,
104.1315

■ 237.9820, 0.5019,
-21.0322

■ 81.2270, -3.5629,
116.4419

■ 242.6270, 5.6069,
-25.1059

■ 71.1680, -4.0268,
125.2637

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



166.8520, 11.4120, 26.4398



166.6230, -1.2931, 41.5496



165.3170, -13.9603, 44.4490

Triad

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



166.6230, -1.2931, 41.5496



158.1740, -20.7918, -4.5376



152.2870, 27.9595, -54.6257

Complementary

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



166.6230, -1.2931, 41.5496



190.3770, 1.2931, -41.5496

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.



147.8700, 20.2771, -63.9070



166.6230, -1.2931, 41.5496



154.5930, -9.6593, -28.5841

Square

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



166.6230, -1.2931, 41.5496



161.3510, -25.8090, 18.1092



150.4620, 5.6882, -51.2712



160.3380, 27.4414, -28.3604

Rectangle

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



166.6230, -1.2931, 41.5496



163.9760, -20.2012, 39.4860



150.4620, 5.6882, -51.2712



150.3850, 25.9392, -59.9736

Sweetspot

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



166.6230, -1.2931, 41.5496



238.2730, -0.6276, 14.6696



166.0440, 23.6423, 23.6404



117.3540, -0.1745, 9.3365



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.



166.6230, -1.2931, 41.5496



186.9180, -1.9316, 59.7079



172.4470, -14.5174, 36.4420



99.7450, 0.1257, 6.3626



56.9430, -2.9299, 100.0280



14.3390, -0.6601, 25.1357

Inverse Universe

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



166.6230, -1.2931, 41.5496



186.9180, -1.9316, 59.7079



184.5530, 14.5174, -36.4420



99.7450, 0.1257, 6.3626



56.9430, -2.9299, 100.0280



14.3390, -0.6601, 25.1357

Previews

White Background



This preview shows how the YUV color 166.6230, -1.2931, 41.5496 looks on a white background.

Color Contrast Check

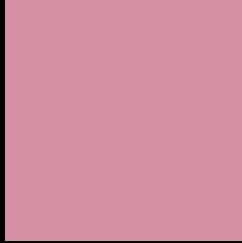
Large Text (above 18pt) WCAG AA × Fail

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 166.6230, -1.2931, 41.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

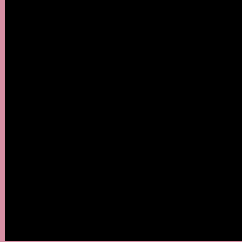
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.6230, -1.2931, 41.5496

Background



This preview shows how black text looks on a background with the YUV color 166.6230, -1.2931, 41.5496.



This preview shows how white text looks on a background with the YUV color 166.6230, -1.2931,

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

166.6230, -1.2931, 41.5496

Protanopia

163.7810, 5.5310, -0.6849

Deuteranopia

164.9200, -1.9326, 13.2252



Tritanopia

165.8850, -5.3663, 41.3199

Trichromacy



Original Color

166.6230, -1.2931, 41.5496

Protanomaly

164.8970, 3.0088, 14.9993

Deuteranomaly

165.6870, -1.8177, 23.0765

Tritanomaly

166.2270, -4.0559, 41.0199

Monochromacy



Original Color

166.6230, -1.2931, 41.5496

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.6860, -0.3382, 15.1844

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6230, -1.2931, 41.5496 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(214, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 164)  
}
```

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(214, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 164) }
```

Border

The CSS property to change the border of an element to YUV 166.6230, -1.2931, 41.5496 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(214, 143, 164) }
```


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

```
.border{ border-color:rgb(214, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 166.6230, -1.2931, 41.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 164) }
```

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

```
.background{ background-color: rgb(214,  
143, 164) }
```

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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