

Converting Colors

YUV(166.2810, -2.6035,
41.8496)

Have a look what the booklet for
YUV(166.2810, -2.6035, 41.8496)
contains.

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Color

**YUV(166.2810, -2.6035,
41.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FA1
RGB	214, 143, 161
RGB Percent	84%, 56%, 63%
CMY	0.1608, 0.4392, 0.3686
CMYK	0.00, 0.33, 0.25, 0.16
HSL	345°, 46%, 70%
HSV	345°, 33%, 84%
XYZ	43.9870, 36.5143, 38.4478
YIQ	166.2810, 36.5380, 20.6500

Conversions

Conversions Part 2

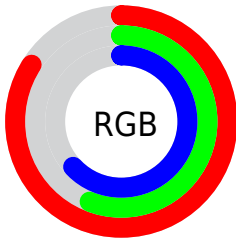
Format	Color
R_{YB}	214, 143, 161
Decimal	14061473
CIE _{Lab}	66.91, 29.38, 1.59
CIE _{LCh}	67, 29.419, 3.094
Yxy	36.5143, 0.3698, 0.3070
Android (android.graphics.Color)	4292251553 (0xFFD68FA1)
YUV	166.2810, -2.6035, 41.8496
Hunter-Lab	60.4270, 24.1893, 4.5746

Details

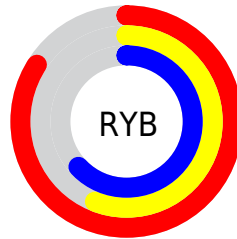
The YUV color $166.2810, -2.6035, 41.8496$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $190.7190, 2.6035, -41.8496$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.5080, -0.2504, 33.7575$, and $113.7860, -1.8665, 38.7757$ is the 20% darker color. If you saturate the color by 10%, you get $152.1300, -3.5151, 54.2600$, and if you desaturate by 10%, it is $180.4320, -1.6920, 29.4391$.

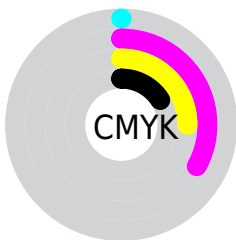
Distribution



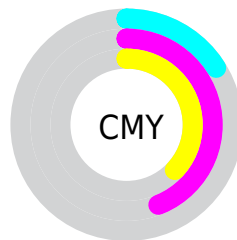
- Red (84%)
- Green (56%)
- Blue (63%)



- Red (84%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.2810, -2.6035, 41.8496 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 166.2810, -2.6035, 41.8496 by changing the saturation by 10% instead.

 166.2810, -2.6035,
41.8496

 166.2810, -2.6035,
41.8496


255.0000, 0.0000,
0.0000


 139.6830, -2.3087,
40.6200


 216.5080, -0.2504,
33.7575

 113.7860, -1.8665,
38.7757

 236.7230, 3.5876,
16.0289

 88.1880, -1.5717,
37.5461

 63.4050, -0.6927,
35.6018

 39.9210, 0.0389,
34.2723

 18.4260, 0.7760,
31.1984

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 166.2810, -2.6035,
41.8496

■ 166.2810, -2.6035,
41.8496

■ 152.1300, -3.5151,
54.2600

■ 180.4320, -1.6920,
29.4391

■ 137.3920, -4.1373,
67.1852

■ 195.1700, -1.0698,
16.5139

■ 123.2410, -5.0488,
79.5956

■ 209.3210, -0.1583,
4.1035

■ 108.5030, -5.6710,
92.5209

■ 224.0590, 0.4639,
-8.8217

■ 94.3520, -6.5825,
104.9313

■ 238.2100, 1.3755,
-21.2322

■ 80.2010, -7.4941,
117.3417

■ 242.7410, 6.0437,
-25.2059

■ 70.1420, -7.9580,
126.1635

Harmonies

Analogous

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



167.1080, 9.8068, 27.9693



166.2810, -2.6035, 41.8496



165.0780, -14.8285, 42.9046

Triad

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



166.2810, -2.6035, 41.8496



158.0920, -19.7654, -7.0967



153.1950, 27.5119, -51.0370

Complementary

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



166.2810, -2.6035, 41.8496



190.7190, 2.6035, -41.8496

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.



148.1090, 21.1453, -62.3626



166.2810, -2.6035, 41.8496



154.0380, -7.9067, -30.7283

Square

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



166.2810, -2.6035, 41.8496



161.1550, -25.2194, 15.6501



149.6190, 7.5828, -52.2859



160.2460, 26.9937, -24.7717

Rectangle

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



166.2810, -2.6035, 41.8496



163.7370, -21.0693, 37.9417



149.6190, 7.5828, -52.2859



150.8090, 26.2232, -57.7145

Sweetspot

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



166.2810, -2.6035, 41.8496



238.1590, -1.0644, 14.7696



166.6420, 23.3475, 24.8700



117.2400, -0.6113, 9.4365



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.



166.2810, -2.6035, 41.8496



186.4620, -3.6788, 60.1078



174.2080, -15.3855, 34.8976



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357

Inverse Universe

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



166.2810, -2.6035, 41.8496



186.4620, -3.6788, 60.1078



182.7920, 15.3855, -34.8976



99.6310, -0.3111, 6.4626



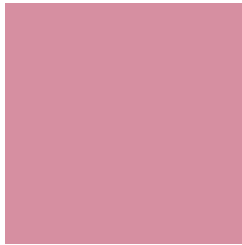
56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 166.2810, -2.6035, 41.8496 looks on a white background.

Color Contrast Check

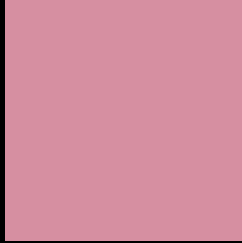
Large Text (above 18pt) WCAG AA × Fail

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 166.2810, -2.6035, 41.8496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

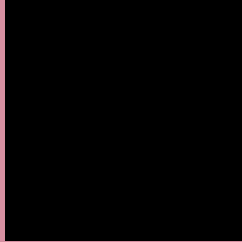
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2810, -2.6035, 41.8496

Background



This preview shows how black text looks on a background with the YUV color 166.2810, -2.6035, 41.8496.



This preview shows how white text looks on a background with the YUV color 166.2810, -2.6035,

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

166.2810, -2.6035, 41.8496

Protanopia

163.4390, 4.2206, -0.3850

Deuteranopia

164.8770, -3.3904, 14.1399



Tritanopia

165.8850, -5.3663, 41.3199

Trichromacy



Original Color

166.2810, -2.6035, 41.8496

Protanomaly

164.5550, 1.6984, 15.2993

Deuteranomaly

165.6440, -3.2755, 23.9912

Tritanomaly

166.1130, -4.4927, 41.1199

Monochromacy



Original Color

166.2810, -2.6035, 41.8496

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1590, -1.0644, 14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2810, -2.6035, 41.8496 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 161) }
```

Border

The CSS property to change the border of an element to YUV 166.2810, -2.6035, 41.8496 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, 161) }
```


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

```
.border{ border-color:rgb(214, 143, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 166.2810, -2.6035, 41.8496 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, 161) }
```

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

```
.background{ background-color: rgb(214,  
143, 161) }
```

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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