

Converting Colors

YUV(168.2700, -2.5981,
40.1052)

Have a look what the booklet for
YUV(168.2700, -2.5981, 40.1052)
contains.

YUV(168.2700, -2.5981, 40.1052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.2700, -2.5981,
40.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	D692A3
RGB	214, 146, 163
RGB Percent	84%, 57%, 64%
CMY	0.1608, 0.4275, 0.3608
CMYK	0.00, 0.32, 0.24, 0.16
HSL	345°, 45%, 71%
HSV	345°, 32%, 84%
XYZ	44.6213, 37.4983, 39.5364
YIQ	168.2700, 35.0710, 19.7030

Conversions

Conversions Part 2

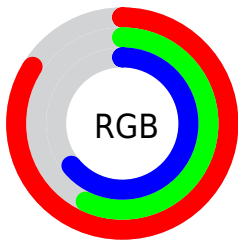
Format	Color
RYB	214, 146, 163
Decimal	14062243
CIELab	67.65, 28.04, 1.54
CIELCh	68, 28.087, 3.140
Yxy	37.4983, 0.3668, 0.3082
Android (android.graphics.Color)	4292252323 (0xFFD692A3)
YUV	168.2700, -2.5981, 40.1052
Hunter-Lab	61.2358, 22.9067, 4.5850

Details

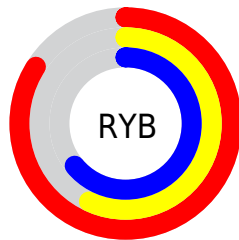
The YUV color **168.2700, -2.5981, 40.1052** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **191.7300, 2.5981, -40.1052**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0840, -0.5344, 31.4983**, and **115.6610, -2.2979, 37.1313** is the 20% darker color. If you saturate the color by 10%, you get **154.1190, -3.5097, 52.5156**, and if you desaturate by 10%, it is **182.4210, -1.6866, 27.6948**.

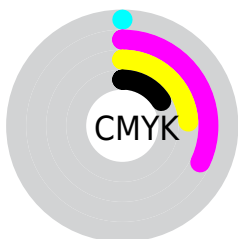
Distribution



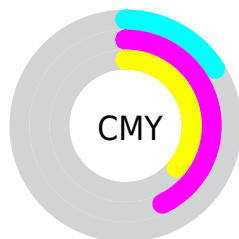
- Red (84%)
- Green (57%)
- Blue (64%)



- Red (84%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (16%)




- Cyan (16%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2700, -2.5981, 40.1052 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 168.2700, -2.5981, 40.1052 by changing the saturation by 10% instead.


 168.2700, -2.5981,
40.1052

 168.2700, -2.5981,
40.1052


255.0000, 0.0000,
0.0000


 141.6720, -2.3033,
38.8757


 219.0840, -0.5344,
31.4983

 115.6610, -2.2979,
37.1313

 238.7120, 3.5930,
14.2846

 90.1770, -1.5663,
35.8018

 65.6930, -0.8346,
34.4722

 41.9100, 0.0444,
32.5279

 18.6540, 1.6496,
30.9984

 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 168.2700, -2.5981,
40.1052

■ 168.2700, -2.5981,
40.1052

■ 154.1190, -3.5097,
52.5156

■ 182.4210, -1.6866,
27.6948

■ 139.3810, -4.1318,
65.4409

■ 197.1590, -1.0644,
14.7696

■ 125.2300, -5.0434,
77.8513

■ 211.3100, -0.1528,
2.3591

■ 110.4920, -5.6656,
90.7765

■ 226.0480, 0.4693,
-10.5661

■ 96.3410, -6.5771,
103.1869

■ 240.1990, 1.3809,
-22.9765

■ 82.1900, -7.4887,
115.5974

■ 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.



168.9830, 9.3754, 26.3249



168.2700, -2.5981, 40.1052



166.5940, -14.0968, 41.5751

Triad

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



168.2700, -2.5981, 40.1052



160.6190, -19.0392, -6.6819



156.4620, 25.9012, -47.7632

Complementary

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



168.2700, -2.5981, 40.1052



191.7300, 2.5981, -40.1052

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.



151.7890, 19.8240, -58.5740



168.2700, -2.5981, 40.1052



156.7500, -7.7648, -29.5987

Square

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



168.2700, -2.5981, 40.1052



163.0840, -24.1984, 14.8353



153.1140, 6.8458, -49.2120



162.6160, 25.8253, -23.3422

Rectangle

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



168.2700, -2.5981, 40.1052



165.9540, -20.1903, 35.9973



153.1140, 6.8458, -49.2120



153.7880, 24.7545, -53.3111

Sweetspot

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



168.2700, -2.5981, 40.1052



238.1590, -1.0644, 14.7696



169.0010, 22.1845, 24.5551



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.



168.2700, -2.5981, 40.1052



189.7390, -3.8153, 57.2339



176.3110, -14.9433, 33.0533



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.



168.2700, -2.5981, 40.1052



189.7390, -3.8153, 57.2339



183.6890, 14.9433, -33.0533



99.6310, -0.3111, 6.4626



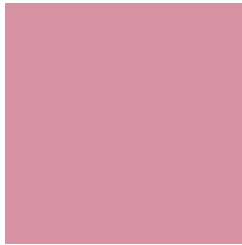
56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 168.2700, -2.5981, 40.1052 looks on a white background.

Color Contrast Check

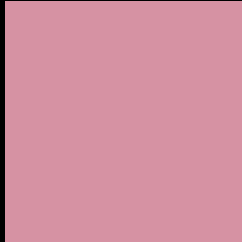
Large Text (above 18pt) WCAG AA × Fail

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 168.2700, -2.5981, 40.1052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

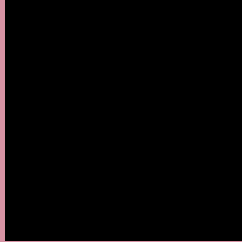
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.2700, -2.5981, 40.1052

Background



This preview shows how black text looks on a background with the YUV color 168.2700, -2.5981, 40.1052.



This preview shows how white text looks on a background with the YUV color 168.2700, -2.5981,

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

168.2700, -2.5981, 40.1052

Protanopia

165.7380, 4.0732, 0.2298

Deuteranopia

166.9910, -2.9536, 14.0399



Tritanopia

167.9880, -4.9241, 39.4755

Trichromacy



Original Color

168.2700, -2.5981, 40.1052

Protanomaly

166.2560, 1.8458, 14.6845

Deuteranomaly

167.4590, -2.6913, 23.2765

Tritanomaly

168.2160, -4.0505, 39.2756

Monochromacy



Original Color

168.2700, -2.5981, 40.1052

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1590, -1.0644, 14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2700, -2.5981, 40.1052 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, 146, 163)` looks like.

```
.text, #text, p{  
    color:rgb(214, 146, 163)  
}
```

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, 146, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 146, 163) }
```

Border

The CSS property to change the border of an element to YUV 168.2700, -2.5981, 40.1052 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, 146, 163) }
```


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

```
.border{ border-color:rgb(214, 146, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 146, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 146, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 146, 163);  
box-shadow:4px 4px 4px 4px rgb(214, 146,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 168.2700, -2.5981, 40.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 146, 163) }
```

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

```
.background{ background-color: rgb(214,  
146, 163) }
```

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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