

Converting Colors

YUV(166.9650, 0.0173, 41.2497)

Have a look what the booklet for
YUV(166.9650, 0.0173, 41.2497)
contains.

YUV(166.9650, 0.0173, 41.2497)	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(166.9650, 0.0173,
41.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FA7
RGB	214, 143, 167
RGB Percent	84%, 56%, 65%
CMY	0.1608, 0.4392, 0.3451
CMYK	0.00, 0.33, 0.22, 0.16
HSL	340°, 46%, 70%
HSV	340°, 33%, 84%
XYZ	44.5291, 36.7311, 41.3021
YIQ	166.9650, 34.6120, 22.5160

Conversions

Conversions Part 2

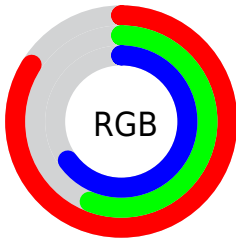
Format	Color
R_{YB}	214, 143, 167
Decimal	14061479
CIE _{Lab}	67.07, 30.25, -1.54
CIE _{LCh}	67, 30.292, 357.077
Yxy	36.7311, 0.3633, 0.2997
Android (android.graphics.Color)	4292251559 (0xFFD68FA7)
YUV	166.9650, 0.0173, 41.2497
Hunter-Lab	60.6062, 25.0882, 2.0192

Details

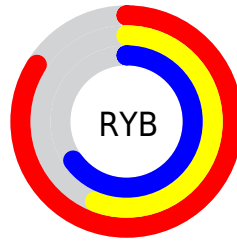
The YUV color **166.9650, 0.0173, 41.2497** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.0350, -0.0173, -41.2497**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.1920, 2.3703, 33.1576**, and **114.3560, 0.3175, 38.2758** is the 20% darker color. If you saturate the color by 10%, you get **153.0420, -0.0207, 53.4602**, and if you desaturate by 10%, it is **180.8880, 0.0552, 29.0392**.

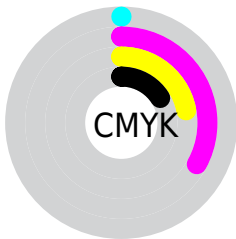
Distribution



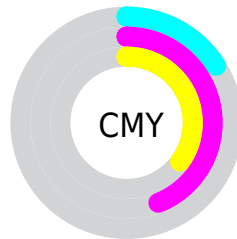
- Red (84%)
- Green (56%)
- Blue (65%)



- Red (84%)
- Yellow (56%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9650, 0.0173, 41.2497 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 166.9650, 0.0173, 41.2497 by changing the saturation by 10% instead.

 166.9650, 0.0173,
41.2497


 166.9650, 0.0173,
41.2497


255.0000, 0.0000,
0.0000


 140.3670, 0.3121,
40.0201


 217.1920, 2.3703,
33.1576


 114.3560, 0.3175,
38.2758

 237.5210, 6.6451,
15.3291

 88.8720, 1.0491,
36.9463

 63.9750, 1.4913,
35.1019

 39.9040, 2.5123,
34.2872

 18.9960, 2.9600,
30.6985

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 166.9650, 0.0173,
41.2497

■ 166.9650, 0.0173,
41.2497

■ 153.0420, -0.0207,
53.4602

■ 180.8880, 0.0552,
29.0392

■ 138.5320, 0.2307,
66.1854

■ 195.3980, -0.1962,
16.3140

■ 124.6090, 0.1928,
78.3959

■ 209.3210, -0.1583,
4.1035

■ 109.9850, 0.0074,
91.2212

■ 223.9450, 0.0271,
-8.7218

■ 96.0620, -0.0306,
103.4316

■ 237.8680, 0.0651,
-20.9322

■ 82.1390, -0.0685,
115.6421

■ 242.3990, 4.7333,
-24.9059

■ 72.1940, -0.0956,
124.3639

■ 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.



167.4820, 12.5804, 25.0103



166.9650, 0.0173, 41.2497



165.3710, -12.5079, 45.2786

Triad

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



166.9650, 0.0173, 41.2497



158.8430, -22.1076, -2.4933



151.5640, 27.8229, -57.4996

Complementary

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



166.9650, 0.0173, 41.2497



190.0350, -0.0173, -41.2497

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.



147.6310, 19.4089, -65.4514



166.9650, 0.0173, 41.2497



155.2620, -10.9752, -26.5398

Square

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



166.9650, 0.0173, 41.2497



162.2480, -26.2513, 19.9535



150.5330, 4.6672, -50.4564



159.5440, 28.3258, -32.0491

Rectangle

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



166.9650, 0.0173, 41.2497



164.6880, -20.0592, 40.6156



150.5330, 4.6672, -50.4564



149.3630, 25.9500, -63.4624

Sweetspot

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



166.9650, 0.0173, 41.2497



238.3870, -0.1908, 14.5696



164.8480, 24.2319, 21.1813



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.



166.9650, 0.0173, 41.2497



187.3740, -0.1844, 59.3080



170.6860, -13.6492, 37.9864



99.7450, 0.1257, 6.3626



57.7410, 0.1277, 99.3281



14.5670, 0.2135, 24.9357

Inverse Universe

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



166.9650, 0.0173, 41.2497



187.3740, -0.1844, 59.3080



186.3140, 13.6492, -37.9864



99.7450, 0.1257, 6.3626



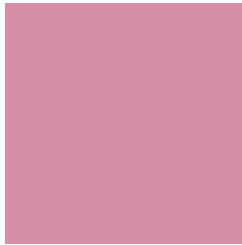
57.7410, 0.1277, 99.3281



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 166.9650, 0.0173, 41.2497 looks on a white background.

Color Contrast Check

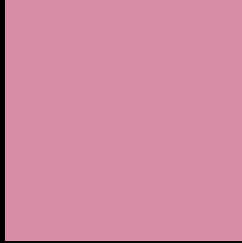
Large Text (above 18pt) WCAG AA × Fail

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 166.9650, 0.0173, 41.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

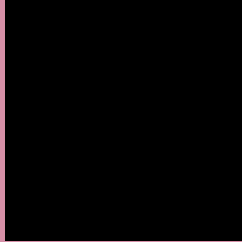
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.9650, 0.0173, 41.2497

Background



This preview shows how black text looks on a background with the YUV color 166.9650, 0.0173, 41.2497.



This preview shows how white text looks on a background with the YUV color 166.9650, 0.0173,

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

166.9650, 0.0173, 41.2497

Protanopia

164.5250, 7.1362, -2.2144

Deuteranopia

164.9630, -0.4748, 12.3104



Tritanopia

166.5860, -5.2189, 40.7051

Trichromacy



Original Color

166.9650, 0.0173, 41.2497

Protanomaly

165.6410, 4.6140, 13.4698

Deuteranomaly

166.0290, -0.5073, 22.7766

Tritanomaly

166.4550, -3.1823, 40.8200

Monochromacy



Original Color

166.9650, 0.0173, 41.2497

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8000, 0.0986, 15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9650, 0.0173, 41.2497 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 167) }
```

Border

The CSS property to change the border of an element to YUV 166.9650, 0.0173, 41.2497 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, 167) }
```


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

```
.border{ border-color:rgb(214, 143, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 167);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 166.9650, 0.0173, 41.2497 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, 167) }
```

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

```
.background{ background-color: rgb(214,  
143, 167) }
```

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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