

Converting Colors

YUV(168.8520, 14.8630,
39.5948)

Have a look what the booklet for
YUV(168.8520, 14.8630, 39.5948)
contains.

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Color

**YUV(168.8520, 14.8630,
39.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	D68CC7
RGB	214, 140, 199
RGB Percent	84%, 55%, 78%
CMY	0.1608, 0.4510, 0.2196
CMYK	0.00, 0.35, 0.07, 0.16
HSL	312°, 47%, 69%
HSV	312°, 35%, 84%
XYZ	47.4184, 37.1758, 58.7093
YIQ	168.8520, 25.1650, 34.0370

Conversions

Conversions Part 2

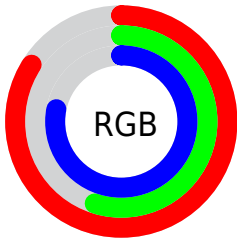
Format	Color
RYB	214, 140, 199
Decimal	14060743
CIELab	67.41, 37.04, -18.98
CIELCh	67, 41.615, 332.872
Yxy	37.1758, 0.3309, 0.2594
Android (android.graphics.Color)	4292250823 (0xFFD68CC7)
YUV	168.8520, 14.8630, 39.5948
Hunter-Lab	60.9720, 32.1200, -14.4093

Details

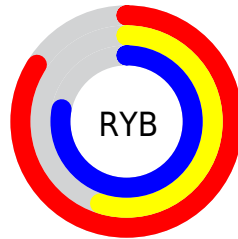
The YUV color **168.8520, 14.8630, 39.5948** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.1480, -14.8630, -39.5948**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7800, 17.3635, 30.8879**, and **115.4280, 14.5790, 37.3356** is the 20% darker color. If you saturate the color by 10%, you get **156.0690, 19.1930, 50.8055**, and if you desaturate by 10%, it is **181.6350, 10.5329, 28.3841**.

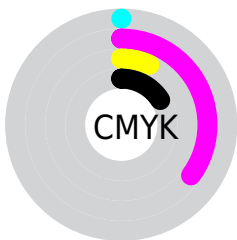
Distribution



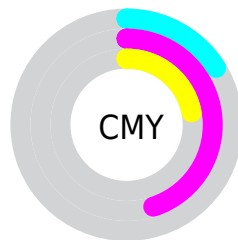
- Red (84%)
- Green (55%)
- Blue (78%)



- Red (84%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8520, 14.8630, 39.5948 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 168.8520, 14.8630, 39.5948 by changing the saturation by 10% instead.

168.8520, 14.8630,
39.5948

168.8520, 14.8630,
39.5948

255.0000, 0.0000,
0.0000

142.1400, 14.7210,
38.4652

219.7800, 17.3635,
30.8879

115.4280, 14.5790,
37.3356

236.2160, 9.2605,
16.4736

89.7160, 14.4370,
36.2061

253.2390, 0.8682,
1.5444

65.0040, 14.2950,
35.0765

38.7590, 15.8948,
35.2914

21.9170, 12.8589,
29.0138

12.9450, 6.9291,

17.5882

■ 0.0000, 0.0000,
0.0000

■ 168.8520, 14.8630,
39.5948

■ 168.8520, 14.8630,
39.5948

■ 156.0690, 19.1930,
50.8055

■ 181.6350, 10.5329,
28.3841

■ 142.5850, 23.3756,
62.6310

■ 195.1190, 6.3503,
16.5586

■ 129.8020, 27.7056,
73.8416

■ 207.9020, 2.0203,
5.3479

■ 116.4320, 32.3250,
85.5671

■ 221.2720, -2.5991,
-6.3775

■ 103.5350, 36.2182,
96.8778

■ 234.1690, -6.4923,
-17.6882

■ 90.7520, 40.5483,
108.0885

■ 239.3210, -7.0603,
-22.2065

■ 83.4800, 43.1474,
114.4660

■ 239.7770, -5.3131,
-22.6064

■ 240.3470, -3.1291,
-23.1063

■ 240.8030, -1.3819,
-23.5062

Harmonies

Analogous

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



167.4160, 29.3749, 4.8972



168.8520, 14.8630, 39.5948



167.0920, -2.5104, 58.6783

Triad

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



168.8520, 14.8630, 39.5948



160.7290, -35.8554, 20.4087



130.6770, 36.1482, -114.6037

Complementary

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



168.8520, 14.8630, 39.5948



185.1480, -14.8630, -39.5948

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.



134.5210, 16.0121, -96.0499



168.8520, 14.8630, 39.5948



156.7790, -28.4850, -10.3302

Square

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



168.8520, 14.8630, 39.5948



163.5070, -32.2950, 45.1594



150.2550, -10.4787, -45.8276



130.4180, 49.0939, -113.4996

Rectangle

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



168.8520, 14.8630, 39.5948



166.0140, -14.3039, 61.3777



150.2550, -10.4787, -45.8276



129.3090, 30.9067, -113.4040

Sweetspot

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



168.8520, 14.8630, 39.5948



239.7550, 5.0508, 13.3699



152.9210, 30.1119, 1.8233



118.1520, 2.8831, 8.6367



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.



168.8520, 14.8630, 39.5948



190.9710, 21.2133, 56.1534



164.6340, -1.2986, 43.2940



100.3150, 2.3097, 5.8627



66.6330, 34.1979, 91.5299



16.8470, 8.9494, 22.9362

Inverse Universe

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



168.8520, 14.8630, 39.5948



190.9710, 21.2133, 56.1534



189.3660, 1.2986, -43.2940



100.3150, 2.3097, 5.8627



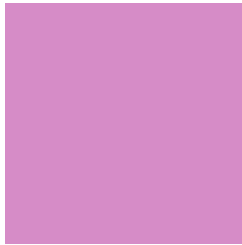
66.6330, 34.1979, 91.5299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 168.8520, 14.8630, 39.5948 looks on a white background.

Color Contrast Check

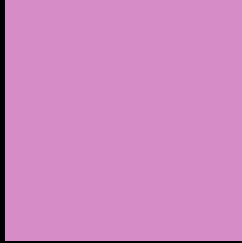
Large Text (above 18pt) WCAG AA × Fail

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 168.8520, 14.8630, 39.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

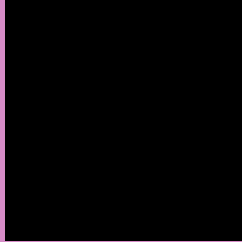
Any Text WCAG AA ✓ Pass

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 168.8520, 14.8630, 39.5948 Background



This preview shows how black text looks on a background with the YUV color 168.8520, 14.8630, 39.5948.



This preview shows how white text looks on a background with the YUV color 168.8520, 14.8630,

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

168.8520, 14.8630, 39.5948

Protanopia

165.0410, 24.6298, -13.1910

Deuteranopia

166.0720, 14.2615, -0.9401



Tritanopia

167.4930, -4.1870, 36.4016

Trichromacy



Original Color

168.8520, 14.8630, 39.5948



Protanomaly

166.5380, 20.9338, 5.6672



Deuteranomaly

166.8720, 14.3601, 14.1443



Tritanomaly

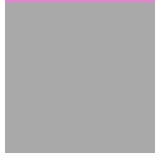
168.0400, 2.9383, 37.6759

Monochromacy



Original Color

168.8520, 14.8630, 39.5948



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.5810, 5.6296, 14.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8520, 14.8630, 39.5948 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, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(214, 140, 199)  
}
```

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, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 140, 199) }
```

Border

The CSS property to change the border of an element to YUV 168.8520, 14.8630, 39.5948 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, 140, 199) }
```


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

```
.border{ border-color:rgb(214, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(214, 140,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 168.8520, 14.8630, 39.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 140, 199) }
```

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

```
.background{ background-color: rgb(214,  
140, 199) }
```

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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