

Converting Colors

YUV(163.9860, 1.4859, 36.8463)

Have a look what the booklet for
YUV(163.9860, 1.4859, 36.8463)
contains.

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Color

**YUV(163.9860, 1.4859,
36.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8EA7
RGB	206, 142, 167
RGB Percent	81%, 56%, 65%
CMY	0.1922, 0.4431, 0.3451
CMYK	0.00, 0.31, 0.19, 0.19
HSL	337°, 40%, 68%
HSV	337°, 31%, 81%
XYZ	42.1017, 35.2578, 41.1457
YIQ	163.9860, 30.1190, 21.3430

Conversions

Conversions Part 2

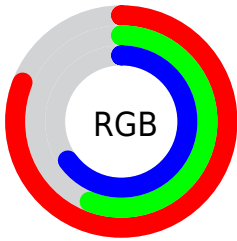
Format	Color
R _{YB}	206, 142, 167
Decimal	13536935
CIE Lab	65.95, 27.92, -3.30
CIE LCh	66, 28.112, 353.252
Yxy	35.2578, 0.3553, 0.2975
Android (android.graphics.Color)	4291727015 (0xFFCE8EA7)
YUV	163.9860, 1.4859, 36.8463
Hunter-Lab	59.3783, 22.6518, 0.4803

Details

The YUV color **163.9860, 1.4859, 36.8463** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.0140, -1.4859, -36.8463**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6050, 2.6597, 33.6724**, and **111.6760, 1.6387, 34.4871** is the 20% darker color. If you saturate the color by 10%, you get **150.1770, 1.8847, 48.9568**, and if you desaturate by 10%, it is **177.7950, 1.0871, 24.7358**.

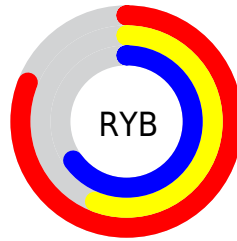
Distribution



Red (81%)

Green (56%)

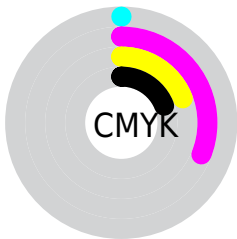
Blue (65%)



Red (81%)

Yellow (56%)

Blue (65%)

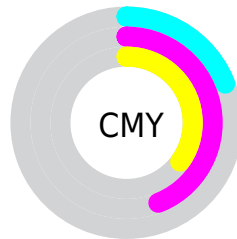


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (19%)



Cyan (19%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.9860, 1.4859, 36.8463 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 163.9860, 1.4859, 36.8463 by changing the saturation by 10% instead.


 163.9860, 1.4859,
36.8463

 163.9860, 1.4859,
36.8463

255.0000, 0.0000,
0.0000


 137.3880, 1.7807,
35.6167


 216.6050, 2.6597,
33.6724

 111.6760, 1.6387,
34.4871


 236.3470, 7.2239,
16.3587

 86.7790, 2.0810,
32.6428

 253.8260, 0.5788,
1.0296

 62.1810, 2.3758,
31.4133

 38.6970, 3.1074,
30.0837

 17.5010, 3.6970,
27.6246

 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 163.9860, 1.4859,
36.8463

■ 163.9860, 1.4859,
36.8463

■ 150.1770, 1.8847,
48.9568

■ 177.7950, 1.0871,
24.7358

■ 137.0690, 2.4310,
60.4525

■ 190.9030, 0.5408,
13.2401

■ 123.2600, 2.8298,
72.5630

■ 204.7120, 0.1420,
1.1296

■ 110.1520, 3.3761,
84.0587

■ 217.8200, -0.4043,
-10.3661

■ 96.3430, 3.7749,
96.1692

■ 231.6290, -0.8031,
-22.4766

■ 82.6480, 4.6105,
108.1797

■ 238.8670, 1.5446,
-28.8244

■ 70.7140, 4.5780,
118.6458

■ 240.3490, 7.2229,
-30.1241

Harmonies

Analogous

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



163.9760, 13.3228, 20.1920



163.9860, 1.4859, 36.8463



162.6310, -10.1711, 42.4196

Triad

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



163.9860, 1.4859, 36.8463



156.9790, -21.6816, 0.8954



149.4890, 24.9019, -53.9259

Complementary

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



163.9860, 1.4859, 36.8463



184.0140, -1.4859, -36.8463

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.



146.7630, 15.8928, -57.6742



163.9860, 1.4859, 36.8463



153.6540, -12.1544, -21.6216

Square

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



163.9860, 1.4859, 36.8463



159.4160, -24.3621, 20.6832



149.4800, 1.7354, -43.3940



155.7890, 26.7260, -32.2640

Rectangle

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



163.9860, 1.4859, 36.8463



162.0730, -17.2910, 39.4010



149.4800, 1.7354, -43.3940



147.5980, 22.8762, -57.5294

Sweetspot

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



163.9860, 1.4859, 36.8463



239.9030, 0.5408, 13.2401



160.6580, 22.3536, 16.9629



118.1690, 0.4097, 8.6218



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.



163.9860, 1.4859, 36.8463



193.3240, 2.3053, 54.0899



164.6580, -11.1704, 36.2569



95.4460, 0.2731, 5.7479



57.0440, 3.9223, 95.5544



13.0720, 0.9505, 21.8619

Inverse Universe

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



163.9860, 1.4859, 36.8463



193.3240, 2.3053, 54.0899



183.3420, 11.1704, -36.2569



95.4460, 0.2731, 5.7479



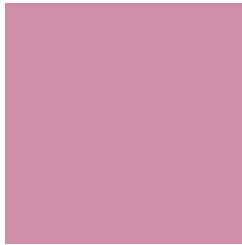
57.0440, 3.9223, 95.5544



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 163.9860, 1.4859, 36.8463 looks on a white background.

Color Contrast Check

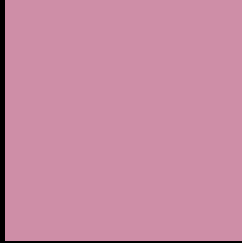
Large Text (above 18pt) WCAG AA × Fail

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 163.9860, 1.4859, 36.8463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

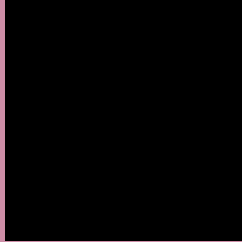
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.9860, 1.4859, 36.8463

Background



This preview shows how black text looks on a background with the YUV color 163.9860, 1.4859, 36.8463.



This preview shows how white text looks on a background with the YUV color 163.9860, 1.4859,

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

163.9860, 1.4859, 36.8463

Protanopia

160.8670, 8.4466, -2.5144

Deuteranopia

162.4080, 1.2779, 10.1662



Tritanopia

163.4930, -4.1870, 36.4016

Trichromacy



Original Color

163.9860, 1.4859, 36.8463

Protanomaly

161.9720, 5.9298, 11.4256

Deuteranomaly

163.1750, 1.3927, 20.0175

Tritanomaly

163.3620, -2.1505, 36.5165

Monochromacy



Original Color

163.9860, 1.4859, 36.8463

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9030, 0.5408, 13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9860, 1.4859, 36.8463 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(206, 142, 167)` looks like.

```
.text, #text, p{  
    color:rgb(206, 142, 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(206, 142, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 142, 167) }
```

Border

The CSS property to change the border of an element to YUV 163.9860, 1.4859, 36.8463 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(206, 142, 167) }
```


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

```
.border{ border-color:rgb(206, 142, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 142, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 142, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 142, 167);  
box-shadow:4px 4px 4px 4px rgb(206, 142,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 163.9860, 1.4859, 36.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 142, 167) }
```

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

```
.background{ background-color: rgb(206,  
142, 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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