

Converting Colors

YUV(162.9470, 3.9701, 33.3725)

Have a look what the booklet for
YUV(162.9470, 3.9701, 33.3725)
contains.

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Color

**YUV(162.9470, 3.9701,
33.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	C98EAB
RGB	201, 142, 171
RGB Percent	79%, 56%, 67%
CMY	0.2118, 0.4431, 0.3294
CMYK	0.00, 0.29, 0.15, 0.21
HSL	331°, 35%, 67%
HSV	331°, 29%, 79%
XYZ	41.1111, 34.7038, 43.0598
YIQ	162.9470, 25.8550, 21.5270

Conversions

Conversions Part 2

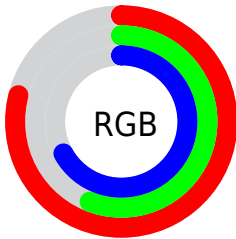
Format	Color
R_{YB}	201, 142, 171
Decimal	13209259
CIE _{Lab}	65.52, 26.76, -6.26
CIE _{LCh}	66, 27.485, 346.845
Yxy	34.7038, 0.3458, 0.2919
Android (android.graphics.Color)	4291399339 (0xFFC98EAB)
YUV	162.9470, 3.9701, 33.3725
Hunter-Lab	58.9099, 21.4763, -2.1007

Details

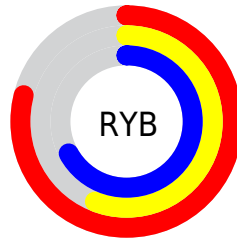
The YUV color **162.9470, 3.9701, 33.3725** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180.0530, -3.9701, -33.3725**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0610, 4.4069, 33.2725**, and **110.6370, 4.1230, 31.0134** is the 20% darker color. If you saturate the color by 10%, you get **150.0670, 5.3900, 44.6682**, and if you desaturate by 10%, it is **175.8270, 2.5503, 22.0767**.

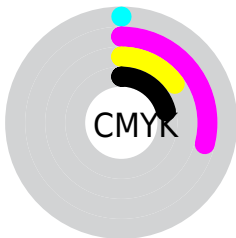
Distribution



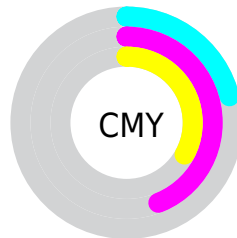
- Red (79%)
- Green (56%)
- Blue (67%)



- Red (79%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9470, 3.9701, 33.3725 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 162.9470, 3.9701, 33.3725 by changing the saturation by 10% instead.

 162.9470, 3.9701,
33.3725


 162.9470, 3.9701,
33.3725


255.0000, 0.0000,
0.0000


 136.2350, 3.8281,
32.2429


 217.0610, 4.4069,
33.2725

 110.6370, 4.1230,
31.0134

 236.8030, 8.9711,
15.9588

 85.9250, 3.9810,
29.8838

 253.8260, 0.5788,
1.0296

 61.4410, 4.7126,
28.5542

 37.8430, 5.0074,
27.3247

 16.8320, 5.0128,
25.5803

 5.3820, -2.6533,

11.0660

■ 0.0000, 0.0000,
0.0000

■ 162.9470, 3.9701,
33.3725

■ 162.9470, 3.9701,
33.3725

■ 150.0670, 5.3900,
44.6682

■ 175.8270, 2.5503,
22.0767

■ 137.1870, 6.8098,
55.9640

■ 188.7070, 1.1304,
10.7810

■ 124.1930, 7.7929,
67.3597

■ 201.7010, 0.1474,
-0.6148

■ 111.3130, 9.2127,
78.6555

■ 214.5810, -1.2724,
-11.9105

■ 98.4330, 10.6325,
89.9513

■ 228.0480, -2.9817,
-23.7211

■ 84.9660, 12.3418,
101.7618

■ 236.2320, -2.0864,
-30.8985

■ 71.9720, 13.3248,
113.1576

■ 237.4860, 2.7184,
-31.9982

■ 71.3850, 13.6142,
113.6724

■ 238.6260, 7.0864,
-32.9980

■ 238.8540, 7.9600,
-33.1980

Harmonies

Analogous

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



162.6980, 14.9389, 15.1739



162.9470, 3.9701, 33.3725



161.9020, -7.8397, 41.3049

Triad

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



162.9470, 3.9701, 33.3725



156.3000, -21.8399, 4.9989



147.3210, 23.0127, -54.6555

Complementary

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



162.9470, 3.9701, 33.3725



180.0530, -3.9701, -33.3725

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.



146.5740, 12.5350, -54.0004



162.9470, 3.9701, 33.3725



152.9320, -13.7705, -16.6034

Square

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



162.9470, 3.9701, 33.3725



158.7800, -23.0625, 23.8719



149.4160, -1.1911, -38.0758



153.8270, 25.7213, -36.6823

Rectangle

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



162.9470, 3.9701, 33.3725



161.0560, -14.8176, 39.4159



149.4160, -1.1911, -38.0758



146.3270, 20.5448, -56.4148

Sweetspot

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



162.9470, 3.9701, 33.3725



240.1310, 1.4144, 13.0401



157.6960, 21.3489, 12.5446



118.2830, 0.8465, 8.5218



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.



162.9470, 3.9701, 33.3725



197.6270, 6.0999, 50.3161



159.6410, -8.6970, 36.2718



93.1470, 0.4205, 5.1331



57.8570, 10.9165, 92.2104



12.8160, 2.5557, 20.3324

Inverse Universe

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



162.9470, 3.9701, 33.3725



197.6270, 6.0999, 50.3161



183.3590, 8.6970, -36.2718



93.1470, 0.4205, 5.1331



57.8570, 10.9165, 92.2104



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 162.9470, 3.9701, 33.3725 looks on a white background.

Color Contrast Check

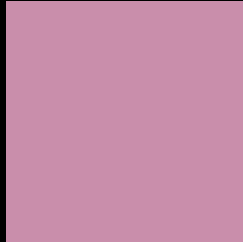
Large Text (above 18pt) WCAG AA × Fail

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 162.9470, 3.9701, 33.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

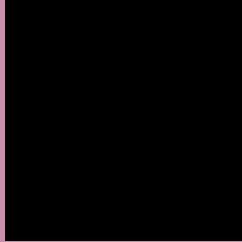
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.9470, 3.9701, 33.3725

Background



This preview shows how black text looks on a background with the YUV color 162.9470, 3.9701, 33.3725.



This preview shows how white text looks on a background with the YUV color 162.9470, 3.9701,

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

162.9470, 3.9701, 33.3725

Protanopia

160.0240, 10.3412, -3.5290

Deuteranopia

161.3800, 3.7567, 8.4367



Tritanopia

162.4000, -3.1552, 32.0982

Trichromacy



Original Color

162.9470, 3.9701, 33.3725

Protanomaly

160.8300, 7.9718, 9.7961

Deuteranomaly

161.8480, 4.0189, 17.6733

Tritanomaly

162.6820, -0.8292, 32.7279

Monochromacy



Original Color

162.9470, 3.9701, 33.3725

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.8320, 1.5618, 12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9470, 3.9701, 33.3725 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(201, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 142, 171)  
}
```

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(201, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 142, 171) }
```

Border

The CSS property to change the border of an element to YUV 162.9470, 3.9701, 33.3725 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(201, 142, 171) }
```


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

```
.border{ border-color:rgb(201, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 142,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 162.9470, 3.9701, 33.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 142, 171) }
```

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

```
.background{ background-color: rgb(201,  
142, 171) }
```

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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