

Converting Colors

YUV(170.2950, 2.8126, 31.3133)

Have a look what the booklet for
YUV(170.2950, 2.8126, 31.3133)
contains.

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Color

**YUV(170.2950, 2.8126,
31.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	CE97B0
RGB	206, 151, 176
RGB Percent	81%, 59%, 69%
CMY	0.1922, 0.4078, 0.3098
CMYK	0.00, 0.27, 0.15, 0.19
HSL	333°, 36%, 70%
HSV	333°, 27%, 81%
XYZ	44.3567, 38.3896, 46.1464
YIQ	170.2950, 24.7550, 19.4350

Conversions

Conversions Part 2

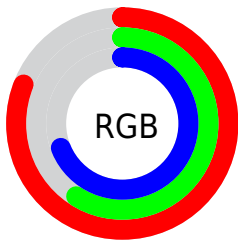
Format	Color
RYB	206, 151, 176
Decimal	13539248
CIELab	68.31, 24.44, -4.87
CIELCh	68, 24.922, 348.724
Yxy	38.3896, 0.3441, 0.2978
Android (android.graphics.Color)	4291729328 (0xFFCE97B0)
YUV	170.2950, 2.8126, 31.3133
Hunter-Lab	61.9594, 19.3592, -0.7867

Details

The YUV color **170.2950, 2.8126, 31.3133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **186.7050, -2.8126, -31.3133**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6150, 4.1338, 27.5246**, and **117.9850, 2.9654, 28.9542** is the 20% darker color. If you saturate the color by 10%, you get **156.7140, 4.0850, 43.2238**, and if you desaturate by 10%, it is **183.8760, 1.5401, 19.4027**.

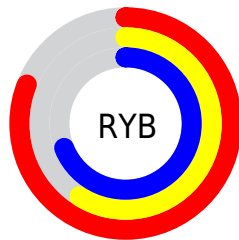
Distribution



Red (81%)

Green (59%)

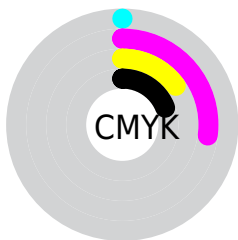
Blue (69%)



Red (81%)

Yellow (59%)

Blue (69%)

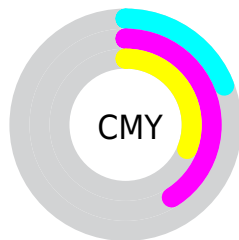


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (19%)



Cyan (19%)

Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2950, 2.8126, 31.3133 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 170.2950, 2.8126, 31.3133 by changing the saturation by 10% instead.

■ 170.2950, 2.8126,
31.3133

■ 170.2950, 2.8126,
31.3133

255.0000, 0.0000,
0.0000

■ 143.5830, 2.6706,
30.1837

■ 223.6150, 4.1338,
27.5246

■ 117.9850, 2.9654,
28.9542

■ 242.6730, 6.0772,
10.8108

■ 92.3870, 3.2602,
27.7246

■ 68.6750, 3.1182,
26.5950

■ 45.0770, 3.4130,
25.3655

■ 22.0060, 4.4340,
24.5507

■ 9.6540, -1.8014,

17.8434

■ 0.0000, 0.0000,
0.0000

■ 170.2950, 2.8126,
31.3133

■ 170.2950, 2.8126,
31.3133

■ 156.7140, 4.0850,
43.2238

■ 183.8760, 1.5401,
19.4027

■ 143.7200, 5.0680,
54.6196

■ 196.8700, 0.5571,
8.0070

■ 130.0250, 5.9037,
66.6301

■ 210.5650, -0.2785,
-4.0035

■ 117.0310, 6.8867,
78.0258

■ 223.5590, -1.2616,
-15.3992

■ 103.4500, 8.1592,
89.9364

■ 237.1400, -2.5340,
-27.3098

■ 89.8690, 9.4316,
101.8469

■ 238.9810, 1.9814,
-28.9243

■ 76.7610, 9.9778,
113.3426

■ 240.3490, 7.2229,
-30.1241

■ 72.3100, 10.6932,
117.2461

Harmonies

Analogous

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



169.8290, 12.9023, 15.0590



170.2950, 2.8126, 31.3133



169.7660, -8.2656, 37.9162

Triad

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



170.2950, 2.8126, 31.3133



164.1580, -19.7979, 3.3694



157.7950, 20.8071, -47.1782

Complementary

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



170.2950, 2.8126, 31.3133



186.7050, -2.8126, -31.3133

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.



156.0910, 11.7871, -47.4378



170.2950, 2.8126, 31.3133



160.9860, -12.3181, -15.7737

Square

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



170.2950, 2.8126, 31.3133



166.2250, -21.3099, 21.7277



158.2530, -0.6177, -35.3019



162.2900, 23.5210, -30.9493

Rectangle

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



170.2950, 2.8126, 31.3133



168.4470, -14.5174, 36.4420



158.2530, -0.6177, -35.3019



156.8010, 18.3391, -48.9375

Sweetspot

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



170.2950, 2.8126, 31.3133



242.0060, 0.9830, 11.3957



165.9410, 19.7491, 12.3297



119.5710, 0.7045, 7.3922



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.



170.2950, 2.8126, 31.3133



201.7360, 4.0742, 46.7125



168.6190, -8.6862, 32.7831



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Inverse Universe

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



170.2950, 2.8126, 31.3133



201.7360, 4.0742, 46.7125



188.3810, 8.6862, -32.7831



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 170.2950, 2.8126, 31.3133 looks on a white background.

Color Contrast Check

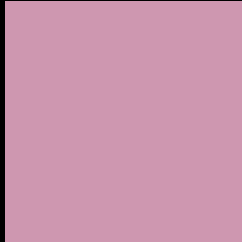
Large Text (above 18pt) WCAG AA × Fail

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 170.2950, 2.8126, 31.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

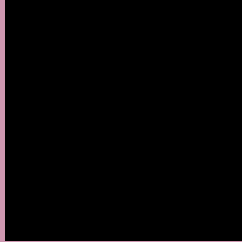
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.2950, 2.8126, 31.3133

Background



This preview shows how black text looks on a background with the YUV color 170.2950, 2.8126, 31.3133.



This preview shows how white text looks on a background with the YUV color 170.2950, 2.8126,

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

170.2950, 2.8126, 31.3133

Protanopia

167.5680, 8.5940, -3.1291

Deuteranopia

168.7500, 2.5882, 9.8663



Tritanopia

169.9160, -2.4236, 30.7687

Trichromacy



Original Color

170.2950, 2.8126, 31.3133

Protanomaly

168.7760, 6.5194, 8.9664

Deuteranomaly

169.2070, 2.8559, 17.3585

Tritanomaly

169.7850, -0.3870, 30.8836

Monochromacy



Original Color

170.2950, 2.8126, 31.3133

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0060, 0.9830, 11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2950, 2.8126, 31.3133 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, 151, 176)` looks like.

```
.text, #text, p{  
    color:rgb(206, 151, 176)  
}
```

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, 151, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 176) }
```

Border

The CSS property to change the border of an element to YUV 170.2950, 2.8126, 31.3133 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, 151, 176) }
```


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

```
.border{ border-color:rgb(206, 151, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 151, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 151, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 151, 176);  
box-shadow:4px 4px 4px 4px rgb(206, 151,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 170.2950, 2.8126, 31.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 151, 176) }
```

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

```
.background{ background-color: rgb(206,  
151, 176) }
```

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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