

Converting Colors

YUV(172.5750, 11.5485,
29.3137)

Have a look what the booklet for
YUV(172.5750, 11.5485, 29.3137)
contains.

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Color

**YUV(172.5750, 11.5485,
29.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	CE97C4
RGB	206, 151, 196
RGB Percent	81%, 59%, 77%
CMY	0.1922, 0.4078, 0.2314
CMYK	0.00, 0.27, 0.05, 0.19
HSL	311°, 36%, 70%
HSV	311°, 27%, 81%
XYZ	46.4840, 39.2406, 57.3488
YIQ	172.5750, 18.3350, 25.6550

Conversions

Conversions Part 2

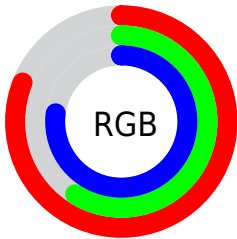
Format	Color
R_{YB}	206, 151, 196
Decimal	13539268
CIE _{Lab}	68.93, 27.88, -15.09
CIE _{LCh}	69, 31.703, 331.568
Yxy	39.2406, 0.3249, 0.2743
Android (android.graphics.Color)	4291729348 (0xFFCE97C4)
YUV	172.5750, 11.5485, 29.3137
Hunter-Lab	62.6423, 22.8328, -10.4302

Details

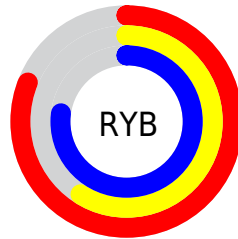
The YUV color **172.5750, 11.5485, 29.3137** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.4250, -11.5485, -29.3137**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0090, 13.3066, 25.4251**, and **119.4500, 11.1171, 27.6693** is the 20% darker color. If you saturate the color by 10%, you get **159.7920, 15.8785, 40.5244**, and if you desaturate by 10%, it is **185.3580, 7.2185, 18.1030**.

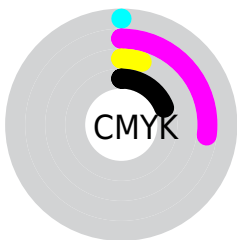
Distribution



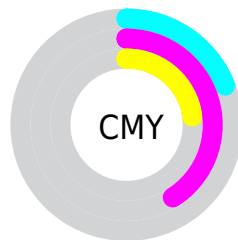
- Red (81%)
- Green (59%)
- Blue (77%)



- Red (81%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.5750, 11.5485, 29.3137 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 172.5750, 11.5485, 29.3137 by changing the saturation by 10% instead.

 172.5750, 11.5485,
29.3137

 172.5750, 11.5485,
29.3137


255.0000, 0.0000,
0.0000


 145.8630, 11.4065,
28.1841

 226.0090, 13.3066,
25.4251


 119.4500, 11.1171,
27.6693

 242.6730, 6.0772,
10.8108

 94.7380, 10.9752,
26.5398

 70.0260, 10.8332,
25.4102

 46.3140, 10.6912,
24.2806

 23.4280, 11.1280,
24.1806

 12.2330, 6.7871,

16.4587

■ 0.0000, 0.0000,
0.0000

■ 172.5750, 11.5485,
29.3137

■ 172.5750, 11.5485,
29.3137

■ 159.7920, 15.8785,
40.5244

■ 185.3580, 7.2185,
18.1030

■ 147.7100, 20.3560,
51.1203

■ 197.4400, 2.7411,
7.5071

■ 134.9270, 24.6860,
62.3310

■ 210.2230, -1.5889,
-3.7036

■ 122.7310, 28.7266,
73.0269

■ 222.4190, -5.6296,
-14.3995

■ 109.9480, 33.0566,
84.2376

■ 235.2020, -9.9596,
-25.6102

■ 97.2790, 37.8235,
95.3483

■ 236.1310, -8.9386,
-26.4249

■ 85.0830, 41.8641,
106.0442

■ 236.5870, -7.1914,
-26.8248

■ 80.8600, 43.4530,
109.7478

■ 237.0430, -5.4442,
-27.2247

■ 237.4990, -3.6970,
-27.6246

Harmonies

Analogous

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



170.6840, 22.8338, 2.9081



172.5750, 11.5485, 29.3137



172.1180, -2.0302, 44.6235

Triad

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



172.5750, 11.5485, 29.3137



166.5960, -27.4088, 17.8943



151.1080, 22.6248, -70.2547

Complementary

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



172.5750, 11.5485, 29.3137



184.4250, -11.5485, -29.3137

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.



154.1840, 7.3043, -56.2894



172.5750, 11.5485, 29.3137



162.9350, -21.6600, -6.0820

Square

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



172.5750, 11.5485, 29.3137



168.8140, -24.5583, 36.9971



158.6850, -9.2117, -32.1727



156.2480, 30.4437, -58.0995

Rectangle

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



172.5750, 11.5485, 29.3137



171.0230, -11.3503, 47.3378



158.6850, -9.2117, -32.1727



151.5660, 17.9620, -68.0254

Sweetspot

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



172.5750, 11.5485, 29.3137



242.8040, 4.0406, 10.6959



159.9610, 22.6972, 0.0342



120.0270, 2.4517, 6.9923



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.



172.5750, 11.5485, 29.3137



205.1560, 17.1781, 43.7132



169.4970, -0.2450, 32.0131



95.9020, 2.0203, 5.3479



65.1380, 34.9350, 88.4560



14.8960, 7.9393, 20.2622

Inverse Universe

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



172.5750, 11.5485, 29.3137



205.1560, 17.1781, 43.7132



187.5030, 0.2450, -32.0131



95.9020, 2.0203, 5.3479



65.1380, 34.9350, 88.4560



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 172.5750, 11.5485, 29.3137 looks on a white background.

Color Contrast Check

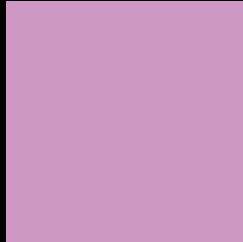
Large Text (above 18pt) WCAG AA × Fail

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 172.5750, 11.5485, 29.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

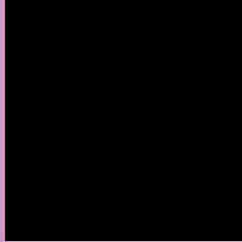
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5750, 11.5485, 29.3137

Background



This preview shows how black text looks on a background with the YUV color 172.5750, 11.5485, 29.3137.



This preview shows how white text looks on a background with the YUV color 172.5750, 11.5485,

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

172.5750, 11.5485, 29.3137

Protanopia

169.1680, 18.6512, -8.9173

Deuteranopia

170.1110, 11.7773, 2.5337



Tritanopia

171.1220, -1.5391, 27.0800

Trichromacy



Original Color

172.5750, 11.5485, 29.3137

Protanomaly

170.2730, 16.1344, 5.0226

Deuteranomaly

170.8780, 11.8921, 12.3850

Tritanomaly

171.3870, 3.2602, 27.7246

Monochromacy



Original Color

172.5750, 11.5485, 29.3137

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8040, 4.0406, 10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5750, 11.5485, 29.3137 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(206, 151, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 196) }
```

Border

The CSS property to change the border of an element to YUV 172.5750, 11.5485, 29.3137 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, 196) }
```


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

```
.border{ border-color:rgb(206, 151, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 151, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 151, 196);  
box-shadow:4px 4px 4px 4px rgb(206, 151,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 172.5750, 11.5485, 29.3137 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, 196) }
```

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

```
.background{ background-color: rgb(206,  
151, 196) }
```

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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