

Converting Colors

YUV(183.1070, 14.7372,
33.2322)

Have a look what the booklet for
YUV(183.1070, 14.7372, 33.2322)
contains.

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Color

**YUV(183.1070, 14.7372,
33.2322)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9ED5
RGB	221, 158, 213
RGB Percent	87%, 62%, 84%
CMY	0.1333, 0.3804, 0.1647
CMYK	0.00, 0.29, 0.04, 0.13
HSL	308°, 48%, 74%
HSV	308°, 29%, 87%
XYZ	54.0559, 44.6300, 68.7162
YIQ	183.1070, 19.8930, 30.4610

Conversions

Conversions Part 2

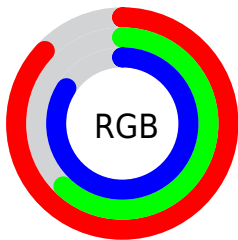
Format	Color
R _Y B	221, 158, 213
Decimal	14524117
CIE Lab	72.65, 32.16, -18.71
CIE LCh	73, 37.205, 329.806
Yxy	44.6300, 0.3229, 0.2666
Android (android.graphics.Color)	4292714197 (0xFFDD9ED5)
YUV	183.1070, 14.7372, 33.2322
Hunter-Lab	66.8057, 27.5236, -14.2216

Details

The YUV color **183.1070, 14.7372, 33.2322** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.8930, -14.7372, -33.2322**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **129.5690, 14.0165, 31.0730** is the 20% darker color. If you saturate the color by 10%, you get **169.8510, 19.7935, 44.8577**, and if you desaturate by 10%, it is **196.3630, 9.6810, 21.6066**.

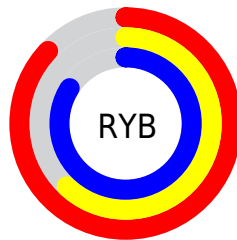
Distribution



Red (87%)

Green (62%)

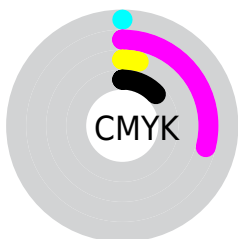
Blue (84%)



Red (87%)

Yellow (62%)

Blue (84%)

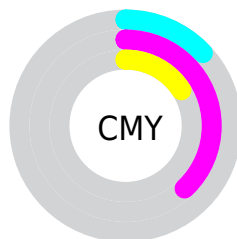


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 183.1070, 14.7372, 33.2322 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 183.1070, 14.7372, 33.2322 by changing the saturation by 10% instead.


 183.1070, 14.7372,
33.2322

 183.1070, 14.7372,
33.2322

255.0000, 0.0000,
0.0000


 155.6940, 14.4479,
32.7174


 230.3460, 12.1544,
21.6216


 129.5690, 14.0165,
31.0730

 247.3690, 3.7621,
6.6924

 103.8570, 13.8745,
29.9434

 79.1450, 13.7325,
28.8138

 54.7320, 13.4431,
28.2990

 29.3730, 14.6061,
28.6139

 16.1780, 10.2652,

20.8919

■ 1.5960, 6.1152,
-1.3997

■ 0.0000, 0.0000,
0.0000

■ 183.1070, 14.7372,
33.2322

■ 183.1070, 14.7372,
33.2322

■ 169.8510, 19.7935,
44.8577

■ 196.3630, 9.6810,
21.6066

■ 156.5950, 24.8497,
56.4832

■ 209.6190, 4.6248,
9.9811

■ 143.4530, 30.3427,
68.0087

■ 222.7610, -0.8682,
-1.5444

■ 130.1970, 35.3989,
79.6342

■ 236.0170, -5.9244,
-13.1699

■ 116.9410, 40.4551,
91.2597

■ 241.6420, -7.2185,
-18.1030

■ 103.0980, 45.8007,
103.4001

■ 241.9840, -5.9081,
-18.4030

■ 89.8420, 50.8569,
115.0256

■ 242.3260, -4.5977,
-18.7029

■ 88.0810, 51.7251,
116.5700

■ 242.5540, -3.7241,
-18.9029

■ 242.8960, -2.4137,
-19.2028

Harmonies

Analogous

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



181.2260, 27.4966, 0.6788



183.1070, 14.7372, 33.2322



182.1020, -1.0363, 52.5305

Triad

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



183.1070, 14.7372, 33.2322



175.9510, -32.5138, 21.9680



152.8600, 28.6630, -93.7162

Complementary

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



183.1070, 14.7372, 33.2322



195.8930, -14.7372, -33.2322

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.



159.4490, 8.6526, -68.7998



183.1070, 14.7372, 33.2322



172.2680, -26.7541, -5.4970

Square

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



183.1070, 14.7372, 33.2322



178.4190, -28.8006, 44.3595



166.9680, -11.8162, -36.8059



160.8480, 37.0499, -77.0427

Rectangle

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



183.1070, 14.7372, 33.2322



180.9640, -11.8143, 56.1596



166.9680, -11.8162, -36.8059



153.9980, 22.6790, -87.6982

Sweetspot

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



183.1070, 14.7372, 33.2322



241.1570, 5.3456, 12.1403



167.2750, 26.4864, -1.9952



118.9670, 3.4673, 7.9219



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.



183.1070, 14.7372, 33.2322



202.6770, 20.3722, 45.8873



179.5730, 1.1965, 36.3315



103.3150, 2.3097, 5.8627



68.9410, 40.4551, 91.2597



18.3140, 10.6912, 24.2806

Inverse Universe

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



183.1070, 14.7372, 33.2322



202.6770, 20.3722, 45.8873



199.4270, -1.1965, -36.3315



103.3150, 2.3097, 5.8627



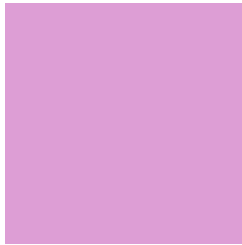
68.9410, 40.4551, 91.2597



18.3140, 10.6912, 24.2806

Previews

White Background



This preview shows how the YUV color 183.1070, 14.7372, 33.2322 looks on a white background.

Color Contrast Check

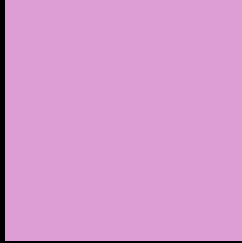
Large Text (above 18pt) WCAG AA × Fail

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 183.1070, 14.7372, 33.2322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

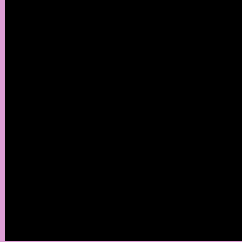
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.1070, 14.7372, 33.2322

Background



This preview shows how black text looks on a background with the YUV color 183.1070, 14.7372, 33.2322.



This preview shows how white text looks on a background with the YUV color 183.1070, 14.7372,

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

183.1070, 14.7372, 33.2322

Protanopia

179.2970, 23.0246, -11.6615

Deuteranopia

180.1970, 14.6929, 0.7042



Tritanopia

181.6170, -2.2762, 30.1539

Trichromacy



Original Color

183.1070, 14.7372, 33.2322



Protanomaly

180.5980, 19.9182, 4.7376



Deuteranomaly

181.2740, 14.6549, 12.9147



Tritanomaly

181.9360, 3.9756, 31.6281

Monochromacy



Original Color

183.1070, 14.7372, 33.2322



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.1570, 5.3456, 12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.1070, 14.7372, 33.2322 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(221, 158, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 158, 213)  
}
```

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(221, 158, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 158, 213) }
```

Border

The CSS property to change the border of an element to YUV 183.1070, 14.7372, 33.2322 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(221, 158, 213) }
```


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

```
.border{ border-color:rgb(221, 158, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 158, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 158, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 158, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 158,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 183.1070, 14.7372, 33.2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 158, 213) }
```

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

```
.background{ background-color: rgb(221,  
158, 213) }
```

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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