

Converting Colors

YUV(172.8740, 14.8521,
43.0835)

Have a look what the booklet for
YUV(172.8740, 14.8521, 43.0835)
contains.

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Color

**YUV(172.8740, 14.8521,
43.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8ECB
RGB	222, 142, 203
RGB Percent	87%, 56%, 80%
CMY	0.1294, 0.4431, 0.2039
CMYK	0.00, 0.36, 0.09, 0.13
HSL	314°, 55%, 71%
HSV	314°, 36%, 87%
XYZ	50.5767, 39.1874, 61.3982
YIQ	172.8740, 28.0990, 35.9310

Conversions

Conversions Part 2

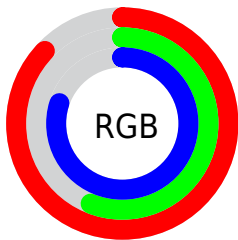
Format	Color
RYB	222, 142, 203
Decimal	14585547
CIELab	68.89, 39.28, -18.88
CIELCh	69, 43.582, 334.335
Yxy	39.1874, 0.3346, 0.2592
Android (android.graphics.Color)	4292775627 (0xFFDE8ECB)
YUV	172.8740, 14.8521, 43.0835
Hunter-Lab	62.5998, 34.6670, -14.3320

Details

The YUV color **172.8740, 14.8521, 43.0835** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **191.1260, -14.8521, -43.0835**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **119.4500, 14.5681, 40.8243** is the 20% darker color. If you saturate the color by 10%, you get **159.3900, 19.0347, 54.9090**, and if you desaturate by 10%, it is **186.3580, 10.6695, 31.2580**.

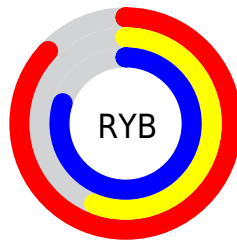
Distribution



Red (87%)

Green (56%)

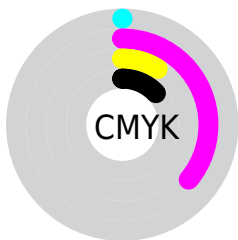
Blue (80%)



Red (87%)

Yellow (56%)

Blue (80%)

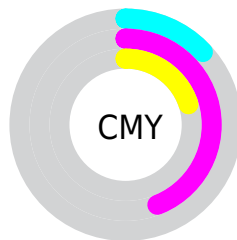


Cyan (0%)

Magenta (36%)

Yellow (9%)

Black (13%)



Cyan (13%)


Magenta (44%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.8740, 14.8521, 43.0835 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 172.8740, 14.8521, 43.0835 by changing the saturation by 10% instead.

 172.8740, 14.8521,
43.0835

 172.8740, 14.8521,
43.0835


255.0000, 0.0000,
0.0000

 145.8630, 14.8575,
41.3391


 220.9540, 16.7847,
29.8583


 119.4500, 14.5681,
40.8243


 237.3900, 8.6817,
15.4440

 93.4390, 14.5736,
39.0800

254.4130, 0.2894,
0.5148

 68.1400, 14.7210,
38.4652

 41.1940, 16.1734,
39.2949

 24.0530, 13.2849,
32.4025

 15.3800, 7.2077,

21.5917

■ 0.0000, 0.0000,
0.0000

■ 172.8740, 14.8521,
43.0835

■ 172.8740, 14.8521,
43.0835

■ 159.3900, 19.0347,
54.9090

■ 186.3580, 10.6695,
31.2580

■ 145.7920, 22.7805,
66.8344

■ 199.9560, 6.9237,
19.3326

■ 131.7210, 27.2525,
79.1747

■ 214.0270, 2.4517,
6.9923

■ 118.2370, 31.4352,
91.0002

■ 227.5110, -1.7309,
-4.8331

■ 104.7530, 35.6178,
102.8256

■ 240.9950, -5.9135,
-16.6586

■ 91.1550, 39.3636,
114.7511

■ 242.8530, -3.8715,
-18.2881

■ 85.6440, 41.0945,
119.5842

■ 243.4230, -1.6875,
-18.7880

■ 243.9930, 0.4965,
-19.2879

■ 244.5630, 2.6804,
-19.7878

Harmonies

Analogous

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



171.6550, 30.2431, 6.4416



172.8740, 14.8521, 43.0835



170.8860, -3.3948, 62.3670

Triad

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



172.8740, 14.8521, 43.0835



164.5610, -37.7446, 19.6790



133.8230, 38.0483, -117.3628

Complementary

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



172.8740, 14.8521, 43.0835



191.1260, -14.8521, -43.0835

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.



130.6650, 20.8712, -114.5932



172.8740, 14.8521, 43.0835



160.2410, -29.2058, -12.4894

Square

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



172.8740, 14.8521, 43.0835



167.2360, -34.6263, 46.2740



152.7490, -9.7363, -50.6459



133.3790, 51.5782, -116.9734

Rectangle

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



172.8740, 14.8521, 43.0835



169.3950, -15.4777, 64.5516



152.7490, -9.7363, -50.6459



133.0420, 32.5173, -116.6778

Sweetspot

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



172.8740, 14.8521, 43.0835



237.7660, 5.0454, 15.1142



156.8010, 32.1431, 3.6825



117.5650, 3.1725, 9.1515



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.



172.8740, 14.8521, 43.0835



187.4660, 20.4763, 59.2273



168.3140, -2.6198, 47.0826



105.3150, 2.3097, 5.8627



67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Inverse Universe

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



172.8740, 14.8521, 43.0835



187.4660, 20.4763, 59.2273



195.6860, 2.6198, -47.0826



105.3150, 2.3097, 5.8627



67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 172.8740, 14.8521, 43.0835 looks on a white background.

Color Contrast Check

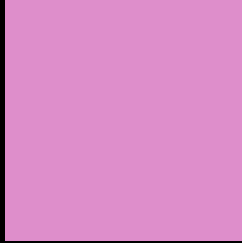
Large Text (above 18pt) WCAG AA × Fail

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 172.8740, 14.8521, 43.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

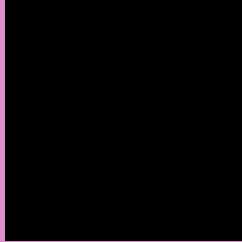
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8740, 14.8521, 43.0835

Background



This preview shows how black text looks on a background with the YUV color 172.8740, 14.8521, 43.0835.



This preview shows how white text looks on a background with the YUV color 172.8740, 14.8521,

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

172.8740, 14.8521, 43.0835

Protanopia

169.1550, 25.0666, -13.2909

Deuteranopia

170.3710, 14.1141, -0.3254



Tritanopia

171.2870, -5.0715, 40.0903

Trichromacy



Original Color

172.8740, 14.8521, 43.0835



Protanomaly

170.6630, 21.3651, 7.3115



Deuteranomaly

171.4700, 14.0653, 15.3738



Tritanomaly

171.8340, 2.0538, 41.3646

Monochromacy



Original Color

172.8740, 14.8521, 43.0835



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.1790, 5.3348, 15.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8740, 14.8521, 43.0835 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(222, 142, 203)` looks like.

```
.text, #text, p{  
    color:rgb(222, 142, 203)  
}
```

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(222, 142, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 142, 203) }
```

Border

The CSS property to change the border of an element to YUV 172.8740, 14.8521, 43.0835 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(222, 142, 203) }
```


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

```
.border{ border-color:rgb(222, 142, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 142, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 142, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 142, 203);  
box-shadow:4px 4px 4px 4px rgb(222, 142,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 172.8740, 14.8521, 43.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 142, 203) }
```

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

```
.background{ background-color: rgb(222,  
142, 203) }
```

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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