

Converting Colors

YUV(186.4570, 23.9317,
24.1552)

Have a look what the booklet for
YUV(186.4570, 23.9317, 24.1552)
contains.

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Color

**YUV(186.4570, 23.9317,
24.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A3EB
RGB	214, 163, 235
RGB Percent	84%, 64%, 92%
CMY	0.1608, 0.3608, 0.0784
CMYK	0.09, 0.31, 0.00, 0.08
HSL	283°, 64%, 78%
HSV	283°, 31%, 92%
XYZ	55.8241, 46.4887, 84.6282
YIQ	186.4570, 7.2840, 33.2040

Conversions

Conversions Part 2

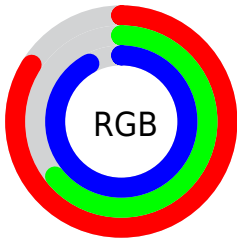
Format	Color
R _Y B	214, 163, 235
Decimal	14066667
CIE Lab	73.86, 31.39, -28.95
CIE LCh	74, 42.706, 317.316
Yxy	46.4887, 0.2986, 0.2487
Android (android.graphics.Color)	4292256747 (0xFFD6A3EB)
YUV	186.4570, 23.9317, 24.1552
Hunter-Lab	68.1826, 26.8263, -25.8629

Details

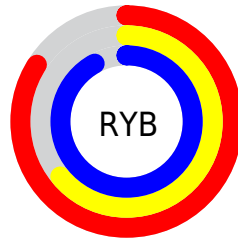
The YUV color **186.4570, 23.9317, 24.1552** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **211.5430, -23.9317, -24.1552**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **132.8050, 22.7741, 22.0960** is the 20% darker color. If you saturate the color by 10%, you get **170.2760, 31.9089, 32.2069**, and if you desaturate by 10%, it is **202.6380, 15.9545, 16.1035**.

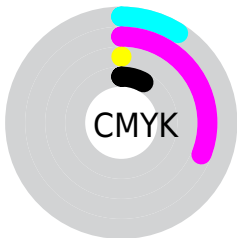
Distribution



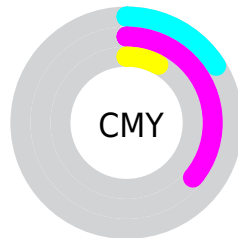
- Red (84%)
- Green (64%)
- Blue (92%)



- Red (84%)
- Yellow (64%)
- Blue (92%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)





- Cyan (16%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.4570, 23.9317, 24.1552 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 186.4570, 23.9317, 24.1552 by changing the saturation by 10% instead.


 186.4570, 23.9317,
24.1552

 186.4570, 23.9317,
24.1552


255.0000, 0.0000,
0.0000


 159.0440, 23.6423,
23.6404


 233.2810, 10.7075,
19.0476


 132.8050, 22.7741,
22.0960

 250.3040, 2.3151,
4.1184

 107.2780, 22.0479,
21.6812

 82.4520, 21.4692,
20.6516

 57.7400, 21.3272,
19.5220

 34.2130, 20.6010,
19.1072

 16.2080, 18.1385,

15.6036

■ 3.5340, 13.5407,
-3.0993

■ 0.3420, 1.3104,
-0.2999

■ 186.4570, 23.9317,
24.1552

■ 186.4570, 23.9317,
24.1552

■ 170.2760, 31.9089,
32.2069

■ 202.6380, 15.9545,
16.1035

■ 154.6820, 39.5968,
39.7439

■ 218.2320, 8.2666,
8.5665

■ 139.0880, 47.2846,
47.2808

■ 234.4130, 0.2894,
0.5148

■ 123.2060, 55.1144,
55.9473

■ 248.5340, -6.6723,
-6.6073

■ 107.6120, 62.8023,
63.4843

■ 250.6270, -7.7041,
-2.3039

■ 91.4310, 70.7795,
71.5360

■ 252.7200, -8.7360,
1.9996

■ 76.4240, 78.1780,
78.5582

Harmonies

Analogous

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



181.6950, 36.1394, -18.1495



186.4570, 23.9317, 24.1552



185.8770, 6.9626, 53.6049

Triad

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



186.4570, 23.9317, 24.1552



179.6000, -36.7778, 36.3078



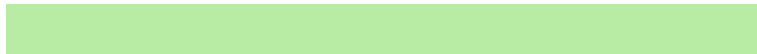
141.8300, 30.6498, -124.3849

Complementary

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



186.4570, 23.9317, 24.1552



211.5430, -23.9317, -24.1552

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.



162.2830, 0.3535, -66.9002



186.4570, 23.9317, 24.1552



176.1680, -35.0858, 6.8687

Square

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



186.4570, 23.9317, 24.1552



182.4360, -27.8229, 57.4996



171.3900, -21.8843, -27.5290



143.9450, 46.3691, -126.2398

Rectangle

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



186.4570, 23.9317, 24.1552



184.0170, -5.4314, 62.2521



171.3900, -21.8843, -27.5290



150.6990, 19.3754, -101.4680

Sweetspot

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



186.4570, 23.9317, 24.1552



239.4060, 7.6878, 7.5369



184.1220, 25.0829, -18.5240



117.7000, 5.0779, 4.6481



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.



186.4570, 23.9317, 24.1552



191.4500, 31.3302, 31.1774



191.1400, 14.7210, 38.4652



109.6460, 3.6255, 3.8185



58.9060, 60.1923, 60.5954



17.5180, 17.9856, 17.9627

Inverse Universe

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



186.9220, -1.4405, 42.1644



192.1840, -2.0627, 55.0896



206.8600, -14.7210, -38.4652



109.6310, -0.3111, 6.4626



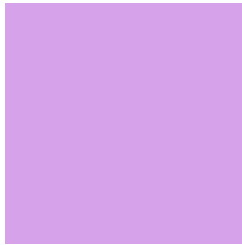
60.1610, -3.5304, 105.9758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 186.4570, 23.9317, 24.1552 looks on a white background.

Color Contrast Check

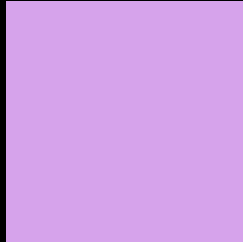
Large Text (above 18pt) WCAG AA × Fail

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 186.4570, 23.9317, 24.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

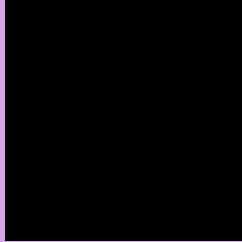
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.4570, 23.9317, 24.1552

Background



This preview shows how black text looks on a background with the YUV color 186.4570, 23.9317, 24.1552.



This preview shows how white text looks on a background with the YUV color 186.4570, 23.9317,

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

186.4570, 23.9317, 24.1552

Protanopia

181.6690, 32.2082, -17.2497

Deuteranopia

182.6610, 24.3241, -8.4727



Tritanopia

184.6480, 0.6665, 19.6027

Trichromacy



Original Color

186.4570, 23.9317, 24.1552



Protanomaly

183.3720, 29.3966, -2.0802



Deuteranomaly

184.3250, 23.9968, 3.2230



Tritanomaly

185.2490, 9.2442, 21.7066

Monochromacy



Original Color

186.4570, 23.9317, 24.1552



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.3460, 8.7034, 8.4666

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4570, 23.9317, 24.1552 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(214, 163, 235)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 235)  
}
```

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(214, 163, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 235) }
```

Border

The CSS property to change the border of an element to YUV 186.4570, 23.9317, 24.1552 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(214, 163, 235) }
```


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

```
.border{ border-color:rgb(214, 163, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 163, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 235);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 186.4570, 23.9317, 24.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 235) }
```

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

```
.background{ background-color: rgb(214,  
163, 235) }
```

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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