

Converting Colors

YUV(170.2500, 24.5267,
19.9518)

Have a look what the booklet for
YUV(170.2500, 24.5267, 19.9518)
contains.

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Color

**YUV(170.2500, 24.5267,
19.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	C195DC
RGB	193, 149, 220
RGB Percent	76%, 58%, 86%
CMY	0.2431, 0.4157, 0.1373
CMYK	0.12, 0.32, 0.00, 0.14
HSL	277°, 50%, 72%
HSV	277°, 32%, 86%
XYZ	45.6580, 37.9997, 72.6384
YIQ	170.2500, 3.4330, 31.4090

Conversions

Conversions Part 2

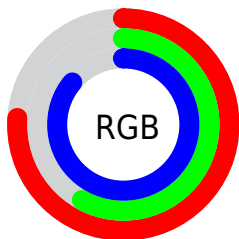
Format	Color
R_{YB}	193, 149, 220
Decimal	12686812
CIE _{Lab}	68.02, 29.43, -29.89
CIE _{LCh}	68, 41.950, 314.554
Yxy	37.9997, 0.2921, 0.2431
Android (android.graphics.Color)	4290876892 (0xFFC195DC)
YUV	170.2500, 24.5267, 19.9518
Hunter-Lab	61.6439, 24.3336, -26.7140

Details

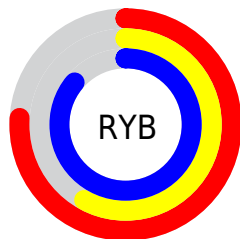
The YUV color **170.2500, 24.5267, 19.9518** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **198.7500, -24.5267, -19.9517**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5680, 15.4960, 23.1809**, and **117.5980, 23.3692, 17.8926** is the 20% darker color. If you saturate the color by 10%, you get **154.9440, 32.0726, 26.3591**, and if you desaturate by 10%, it is **185.5560, 16.9809, 13.5444**.

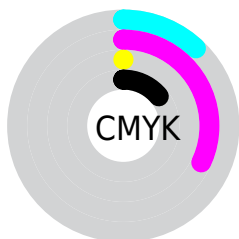
Distribution



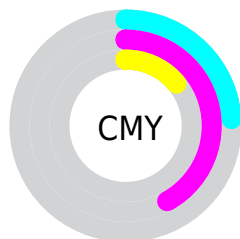
- Red (76%)
- Green (58%)
- Blue (86%)



- Red (76%)
- Yellow (58%)
- Blue (86%)



- Cyan (12%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)





- Cyan (24%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2500, 24.5267, 19.9518 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 170.2500, 24.5267, 19.9518 by changing the saturation by 10% instead.


 170.2500, 24.5267,
19.9518


 170.2500, 24.5267,
19.9518


255.0000, 0.0000,
0.0000


 143.4240, 23.9480,
18.9222


 223.5680, 15.4960,
23.1809


 117.5980, 23.3692,
17.8926


 241.4990, 6.6560,
11.8404

 92.0710, 22.6430,
17.4777

 68.2450, 22.0642,
16.4481

 44.4190, 21.4854,
15.4185

 21.5930, 20.9067,
14.3889

 9.8710, 15.8396,

6.2521

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 170.2500, 24.5267,
19.9518

■ 170.2500, 24.5267,
19.9518

■ 154.9440, 32.0726,
26.3591

■ 185.5560, 16.9809,
13.5444

■ 139.3390, 39.7659,
32.1517

■ 201.1610, 9.2876,
7.7518

■ 124.0330, 47.3117,
38.5591

■ 216.4670, 1.7418,
1.3444

■ 108.7270, 54.8576,
44.9664

■ 231.7730, -5.8041,
-5.0629

93.1220, 62.5509,
50.7590

245.0300,
-12.3398, -8.7963

77.8160, 70.0967,
57.1664

247.4220,
-13.5190, -3.8781

65.7440, 76.0482,
61.6145

250.1130,
-14.8457, 1.6549

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



164.4880, 36.7344, -22.3530



170.2500, 24.5267, 19.9518



170.1970, 8.2839, 49.8162

Triad

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



170.2500, 24.5267, 19.9518



164.6540, -35.3254, 37.1374



130.1580, 26.5441, -114.1486

Complementary

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



170.2500, 24.5267, 19.9518



198.7500, -24.5267, -19.9517

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.



147.4470, -1.6994, -61.7820



170.2500, 24.5267, 19.9518



161.0050, -34.5125, 9.6426

Square

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



170.2500, 24.5267, 19.9518



166.5930, -25.9283, 56.4849



156.1840, -22.7687, -23.8404



132.2730, 42.2634, -116.0034

Rectangle

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



170.2500, 24.5267, 19.9518



168.4620, -3.6788, 60.1078



156.1840, -22.7687, -23.8404



133.4600, 18.5072, -103.0124

Sweetspot

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



170.2500, 24.5267, 19.9518



237.3350, 8.7088, 6.7222



172.9430, 23.1991, -20.9980



116.8140, 5.5147, 4.5481



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.



170.2500, 24.5267, 19.9518



185.5250, 34.2512, 27.6036



177.4110, 17.0524, 37.3506



102.0480, 3.9203, 2.5889



51.7150, 59.7935, 48.4849



13.6160, 15.9653, 12.6148

Inverse Universe

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



173.3070, 1.3276, 40.9498



189.8190, 1.5682, 57.1637



191.5890, -17.0524, -37.3506



102.7450, 0.1257, 6.3626



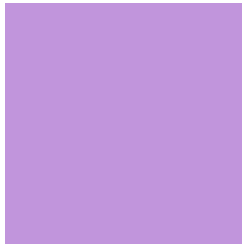
59.2510, 3.3273, 99.7579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 170.2500, 24.5267, 19.9518 looks on a white background.

Color Contrast Check

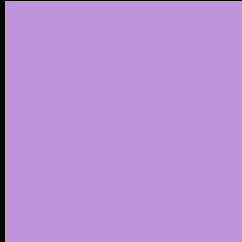
Large Text (above 18pt) WCAG AA × Fail

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 170.2500, 24.5267, 19.9518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

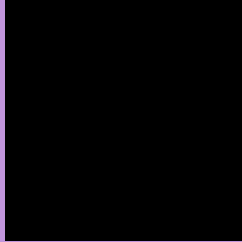
Any Text WCAG AA ✓ Pass

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 170.2500, 24.5267, 19.9518 Background



This preview shows how black text looks on a background with the YUV color 170.2500, 24.5267, 19.9518.



This preview shows how white text looks on a background with the YUV color 170.2500, 24.5267, 19.9518.

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

170.2500, 24.5267, 19.9518

Protanopia

166.2560, 31.9188, -17.7645

Deuteranopia

166.4650, 24.9138, -10.9318



Tritanopia

168.1420, 1.4090, 14.7845

Trichromacy



Original Color

170.2500, 24.5267, 19.9518

Protanomaly

167.9480, 29.1126, -4.3394

Deuteranomaly

167.8300, 24.7338, 0.1491

Tritanomaly

168.7430, 9.9867, 16.8884

Monochromacy



Original Color

170.2500, 24.5267, 19.9518

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7480, 8.9982, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2500, 24.5267, 19.9518 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(193, 149, 220)` looks like.

```
.text, #text, p{  
    color:rgb(193, 149, 220)  
}
```

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(193, 149, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 149, 220) }
```

Border

The CSS property to change the border of an element to YUV 170.2500, 24.5267, 19.9518 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(193, 149, 220) }
```


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

```
.border{ border-color:rgb(193, 149, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 149, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 149, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 149, 220);  
box-shadow:4px 4px 4px 4px rgb(193, 149,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 170.2500, 24.5267, 19.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 149, 220) }
```

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

```
.background{ background-color: rgb(193,  
149, 220) }
```

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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