

Converting Colors

YUV(181.8250, 25.7223, 9.8005)

Have a look what the booklet for
YUV(181.8250, 25.7223, 9.8005)
contains.

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Color

**YUV(181.8250, 25.7223,
9.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A6EA
RGB	193, 166, 234
RGB Percent	76%, 65%, 92%
CMY	0.2431, 0.3490, 0.0824
CMYK	0.18, 0.29, 0.00, 0.08
HSL	264°, 62%, 78%
HSV	264°, 29%, 92%
XYZ	50.4798, 44.5504, 83.7804
YIQ	181.8250, -5.7360, 26.8720

Conversions

Conversions Part 2

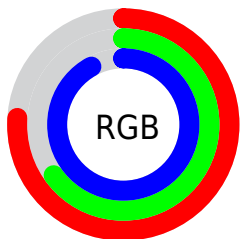
Format	Color
R _{YB}	193, 166, 234
Decimal	12691178
CIE Lab	72.59, 23.04, -30.52
CIE LCh	73, 38.240, 307.050
Yxy	44.5504, 0.2823, 0.2491
Android (android.graphics.Color)	4290881258 (0xFFC1A6EA)
YUV	181.8250, 25.7223, 9.8005
Hunter-Lab	66.7461, 18.1932, -27.6992

Details

The YUV color **181.8250, 25.7223, 9.8005** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **218.1750, -25.7223, -9.8005**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.5470, 10.5763, 14.4293**, and **128.7710, 24.2699, 8.9708** is the 20% darker color. If you saturate the color by 10%, you get **164.1380, 34.4420, 13.0340**, and if you desaturate by 10%, it is **199.5120, 17.0026, 6.5670**.

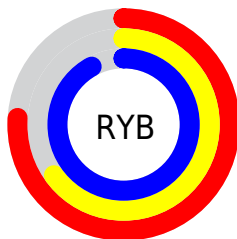
Distribution



Red (76%)

Green (65%)

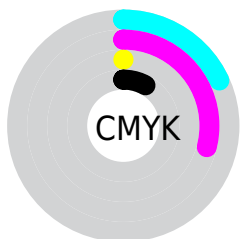
Blue (92%)



Red (76%)

Yellow (65%)

Blue (92%)

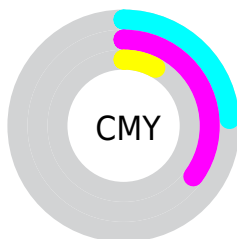


Cyan (18%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (24%)


Magenta (35%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.8250, 25.7223, 9.8005 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 181.8250, 25.7223, 9.8005 by changing the saturation by 10% instead.


 181.8250, 25.7223,
9.8005


 181.8250, 25.7223,
9.8005


255.0000, 0.0000,
0.0000


 154.9990, 25.1435,
8.7709


 233.5470, 10.5763,
14.4293


 128.7710, 24.2699,
8.9708

 252.0650, 1.4470,
2.5740

 102.9450, 23.6911,
7.9412

 79.0050, 22.6755,
7.0116

 55.1790, 22.0968,
5.9820

 32.9400, 21.2286,
4.4376

 11.4240, 20.4970,

5.7672

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 181.8250, 25.7223,
9.8005

■ 181.8250, 25.7223,
9.8005

■ 164.1380, 34.4420,
13.0340

■ 199.5120, 17.0026,
6.5670

■ 145.8640, 43.4510,
16.7823

■ 217.7860, 7.9935,
2.8187

■ 128.1770, 52.1707,
20.0158

■ 235.4730, -0.7262,
-0.4148

■ 109.9030, 61.1798,
23.7641

■ 250.8120, -8.2883,
-1.5891

■ 91.9170, 70.0469,
26.3828

■ 252.6060, -9.1728,
2.0995

■ 74.2300, 78.7666,
29.6163

■ 55.9560, 87.7757,
33.3646

■ 54.4830, 88.5019,
33.7794

Harmonies

Analogous

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



175.3900, 35.3037, -30.1600



181.8250, 25.7223, 9.8005



182.9400, 11.3686, 40.3946

Triad

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



181.8250, 25.7223, 9.8005



178.0010, -31.5525, 40.3411



156.1640, 14.2161, -79.9508

Complementary

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



181.8250, 25.7223, 9.8005



218.1750, -25.7223, -9.8005

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.



165.3520, -7.5685, -45.9127



181.8250, 25.7223, 9.8005



175.0920, -33.0764, 15.7053

Square

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



181.8250, 25.7223, 9.8005



179.9610, -20.6868, 55.2852



170.4950, -24.4010, -13.5891



149.2980, 34.3631, -101.9933

Rectangle

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



181.8250, 25.7223, 9.8005



181.8570, 0.5635, 52.7454



170.4950, -24.4010, -13.5891



159.5800, 6.6161, -68.9147

Sweetspot

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



181.8250, 25.7223, 9.8005



237.3130, 8.7197, 3.2335



198.4060, 17.5478, -28.4201



116.5040, 5.6675, 2.1890



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.



181.8250, 25.7223, 9.8005



186.6110, 33.7158, 12.6192



191.6920, 20.8578, 30.0881



108.4500, 4.2152, 1.3594



42.1620, 68.4471, 26.1679



12.4350, 20.4915, 7.5115

Inverse Universe

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



191.0060, 7.8850, 37.7057



198.7670, 10.4679, 49.3163



208.3080, -20.8578, -30.0881



110.0870, 1.4361, 6.0627



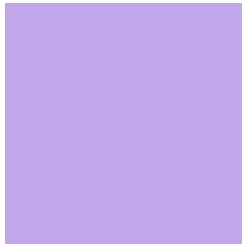
66.5450, 20.9303, 100.3770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 181.8250, 25.7223, 9.8005 looks on a white background.

Color Contrast Check

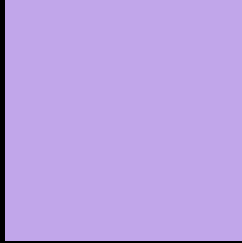
Large Text (above 18pt) WCAG AA × Fail

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 181.8250, 25.7223, 9.8005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

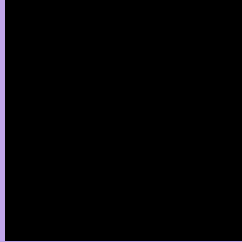
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.8250, 25.7223, 9.8005

Background



This preview shows how black text looks on a background with the YUV color 181.8250, 25.7223, 9.8005.



This preview shows how white text looks on a background with the YUV color 181.8250, 25.7223,

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

181.8250, 25.7223, 9.8005

Protanopia

178.3270, 30.8978, -16.9498

Deuteranopia

178.8070, 26.2241, -11.2317



Tritanopia

179.4720, 4.2043, 4.8481

Trichromacy



Original Color

181.8250, 25.7223, 9.8005

Protanomaly

179.2250, 28.9761, -7.2133

Deuteranomaly

180.1500, 26.0550, -3.6396

Tritanomaly

180.5460, 12.0558, 6.5372

Monochromacy



Original Color

181.8250, 25.7223, 9.8005

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.8400, 9.4459, 3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8250, 25.7223, 9.8005 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, 166, 234)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 234)  
}
```

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, 166, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 234) }
```

Border

The CSS property to change the border of an element to YUV 181.8250, 25.7223, 9.8005 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, 166, 234) }
```


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

```
.border{ border-color:rgb(193, 166, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 166, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 166, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 166, 234);  
box-shadow:4px 4px 4px 4px rgb(193, 166,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 181.8250, 25.7223, 9.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 234) }
```

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

```
.background{ background-color: rgb(193,  
166, 234) }
```

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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