

Converting Colors

YUV(195.1570, 22.1076, 2.4933)

Have a look what the booklet for
YUV(195.1570, 22.1076, 2.4933)
contains.

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Color

**YUV(195.1570, 22.1076,
2.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B9F0
RGB	198, 185, 240
RGB Percent	78%, 73%, 94%
CMY	0.2235, 0.2745, 0.0588
CMYK	0.17, 0.23, 0.00, 0.06
HSL	254°, 65%, 83%
HSV	254°, 23%, 94%
XYZ	56.3658, 52.9950, 89.6963
YIQ	195.1570, -9.9070, 19.8610

Conversions

Conversions Part 2

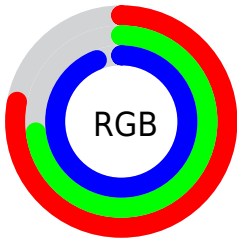
Format	Color
RYB	198, 185, 240
Decimal	13023728
CIELab	77.87, 15.46, -25.64
CIELCh	78, 29.936, 301.085
Yxy	52.9950, 0.2832, 0.2662
Android (android.graphics.Color)	4291213808 (0xFFC6B9F0)
YUV	195.1570, 22.1076, 2.4933
Hunter-Lab	72.7976, 10.8133, -22.0948

Details

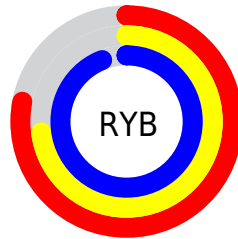
The YUV color **195.1570, 22.1076, 2.4933** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **229.8430, -22.1076, -2.4933**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 4.0515, 7.2072**, and **141.5160, 20.9446, 2.1785** is the 20% darker color. If you saturate the color by 10%, you get **175.6870, 31.7063, 3.7825**, and if you desaturate by 10%, it is **214.6270, 12.5089, 1.2041**.

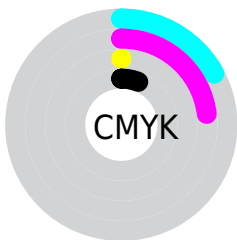
Distribution



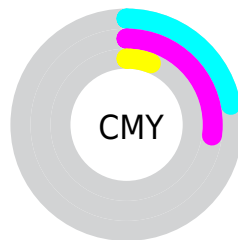
- Red (78%)
- Green (73%)
- Blue (94%)



- Red (78%)
- Yellow (73%)
- Blue (94%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.1570, 22.1076, 2.4933 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 195.1570, 22.1076, 2.4933 by changing the saturation by 10% instead.

■ 195.1570, 22.1076,
2.4933

■ 195.1570, 22.1076,
2.4933

255.0000, 0.0000,
0.0000

■ 167.7440, 21.8182,
1.9785

■ 246.7820, 4.0515,
7.2072

■ 141.5160, 20.9446,
2.1785

■ 115.6900, 20.3658,
1.1489

■ 90.5760, 19.9290,
1.2488

■ 66.9350, 18.7660,
0.9340

■ 44.6960, 17.8979,
-0.6104

■ 22.5710, 17.4665,

-2.2548

■ 4.1040, 15.7247,
-3.5992

■ 1.2540, 4.8048,
-1.0998

■ 195.1570, 22.1076,
2.4933

■ 195.1570, 22.1076,
2.4933

■ 175.6870, 31.7063,
3.7825

■ 214.6270, 12.5089,
1.2041

■ 155.9180, 41.4524,
4.4569

■ 234.3960, 2.7628,
0.5297

■ 136.4480, 51.0511,
5.7461

■ 252.6920, -6.2572,
0.2701

■ 116.9780, 60.6498,
7.0353

■ 253.2900, -6.5520,
1.4997

■ 97.2090, 70.3960,
7.7097

■ 77.7390, 79.9947,
8.9989

■ 58.2690, 89.5934,
10.2881

■ 44.4030, 96.4293,
11.0476

Harmonies

Analogous

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



190.2780, 28.4569, -27.4308



195.1570, 22.1076, 2.4933



196.8630, 11.4065, 28.1841

Triad

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



195.1570, 22.1076, 2.4933



193.6290, -23.9741, 36.2824



180.2770, 6.2724, -51.9859

Complementary

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



195.1570, 22.1076, 2.4933



229.8430, -22.1076, -2.4933

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.



183.9950, -9.3645, -29.8136



195.1570, 22.1076, 2.4933



191.1230, -26.6826, 18.3091

Square

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



195.1570, 22.1076, 2.4933



195.1000, -14.8393, 46.3933



187.6470, -21.5180, -4.9524



178.5820, 20.4191, -62.7774

Rectangle

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



195.1570, 22.1076, 2.4933



196.9370, 2.4961, 39.5203



187.6470, -21.5180, -4.9524



181.8280, 0.5778, -45.4532

Sweetspot

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



195.1570, 22.1076, 2.4933



240.2480, 7.2727, 0.6595



215.9240, 11.8695, -27.1203



119.1510, 4.3626, 0.7446



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.



195.1570, 22.1076, 2.4933



196.8780, 28.6541, 2.7380



203.2300, 18.1276, 19.0923



110.2650, 4.7994, 0.6446



33.8330, 74.0323, 8.0395



10.2710, 22.5444, 2.3933

Inverse Universe

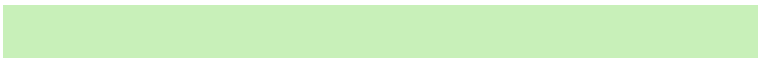
The Inverse Universe completely reimagines the original color for something new.



206.2330, 10.2381, 29.6137



211.3850, 13.1212, 38.2504



221.7700, -18.1276, -19.0923



112.6140, 2.1623, 6.4775



70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 195.1570, 22.1076, 2.4933 looks on a white background.

Color Contrast Check

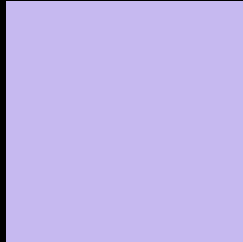
Large Text (above 18pt) WCAG AA × Fail

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 195.1570, 22.1076, 2.4933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

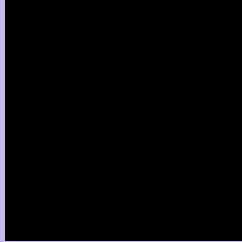
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.1570, 22.1076, 2.4933

Background



This preview shows how black text looks on a background with the YUV color 195.1570, 22.1076, 2.4933.



This preview shows how white text looks on a background with the YUV color 195.1570, 22.1076,

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

195.1570, 22.1076, 2.4933

Protanopia

192.8670, 25.2086, -12.1614

Deuteranopia

194.1020, 22.1347, -6.2285



Tritanopia

193.0090, 6.4046, -0.8849

Trichromacy



Original Color

195.1570, 22.1076, 2.4933

Protanomaly

193.6720, 24.3187, -6.7283

Deuteranomaly

194.7110, 21.8345, -3.2545

Tritanomaly

193.8010, 11.9301, 0.1745

Monochromacy



Original Color

195.1570, 22.1076, 2.4933

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.1570, 22.1076, 2.4933 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(198, 185, 240)` looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 240)  
}
```

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(198, 185, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 240) }
```

Border

The CSS property to change the border of an element to YUV 195.1570, 22.1076, 2.4933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

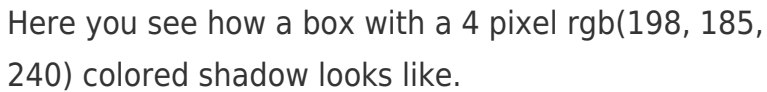
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 185, 240) }
```


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

```
.border{ border-color:rgb(198, 185, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 185, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 185, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 185, 240); box-shadow:4px 4px 4px 4px rgb(198, 185, 240) }
```

Background

The CSS property to change the background color of an element to YUV 195.1570, 22.1076, 2.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 240) }
```

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

```
.background{ background-color: rgb(198,  
185, 240) }
```

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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