

Converting Colors

YUV(191.4780, 21.9493, 6.5968)

Have a look what the booklet for
YUV(191.4780, 21.9493, 6.5968)
contains.

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Color

**YUV(191.4780, 21.9493,
6.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B3EC
RGB	199, 179, 236
RGB Percent	78%, 70%, 93%
CMY	0.2196, 0.2980, 0.0745
CMYK	0.16, 0.24, 0.00, 0.07
HSL	261°, 60%, 81%
HSV	261°, 24%, 93%
XYZ	54.8136, 50.4384, 86.2035
YIQ	191.4780, -6.3770, 21.9670

Conversions

Conversions Part 2

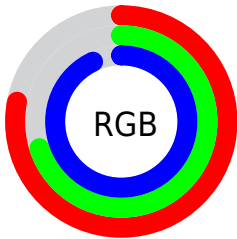
Format	Color
R _Y B	199, 179, 236
Decimal	13087724
CIE Lab	76.34, 18.18, -25.82
CIE LCh	76, 31.575, 305.150
Yxy	50.4384, 0.2863, 0.2634
Android (android.graphics.Color)	4291277804 (0xFFC7B3EC)
YUV	191.4780, 21.9493, 6.5968
Hunter-Lab	71.0200, 13.4821, -22.2517

Details

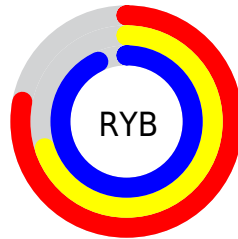
The YUV color **191.4780, 21.9493, 6.5968** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **223.5220, -21.9493, -6.5968**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **137.8370, 20.7864, 6.2820** is the 20% darker color. If you saturate the color by 10%, you get **172.9050, 31.1058, 9.7303**, and if you desaturate by 10%, it is **210.0510, 12.7929, 3.4633**.

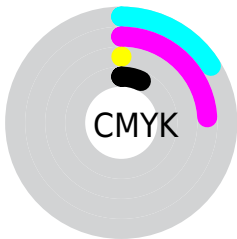
Distribution



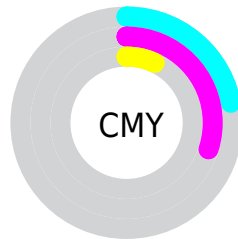
- Red (78%)
- Green (70%)
- Blue (93%)



- Red (78%)
- Yellow (70%)
- Blue (93%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.4780, 21.9493, 6.5968 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 191.4780, 21.9493, 6.5968 by changing the saturation by 10% instead.

■ 191.4780, 21.9493,
6.5968

■ 191.4780, 21.9493,
6.5968

255.0000, 0.0000,
0.0000

■ 164.0650, 21.6600,
6.0820

■ 243.2600, 5.7878,
10.2960

■ 137.8370, 20.7864,
6.2820

■ 112.0110, 20.2076,
5.2524

■ 87.4840, 19.4814,
4.8375

■ 63.9570, 18.7552,
4.4227

■ 41.7180, 17.8870,
2.8783

■ 19.7780, 16.8714,

1.9487

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 191.4780, 21.9493,
6.5968

■ 191.4780, 21.9493,
6.5968

■ 172.9050, 31.1058,
9.7303

■ 210.0510, 12.7929,
3.4633

■ 154.6200, 40.1203,
11.7343

■ 228.3360, 3.7784,
1.4593

■ 136.0470, 49.2768,
14.8678

■ 246.9090, -5.3781,
-1.6742

■ 118.0610, 58.1439,
17.4865

■ 252.8340, -8.2992,
1.8996

■ 99.1890, 67.4478,
20.0052

■ 80.6160, 76.6043,
23.1388

■ 62.6300, 85.4714,
25.7575

■ 51.7210, 90.8495,
27.4317

Harmonies

Analogous

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



186.2290, 29.4671, -24.7568



191.4780, 21.9493, 6.5968



192.8420, 9.9379, 32.5876

Triad

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



191.4780, 21.9493, 6.5968



188.7600, -26.0107, 36.1675



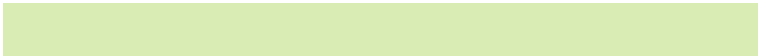
174.5150, 8.6201, -58.3337

Complementary

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



191.4780, 21.9493, 6.5968



223.5220, -21.9493, -6.5968

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.



178.4180, -7.6011, -35.4466



191.4780, 21.9493, 6.5968



186.1720, -27.6928, 15.6352

Square

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



191.4780, 21.9493, 6.5968



190.8290, -17.1707, 47.5080



183.0270, -21.2123, -9.6707



173.0590, 23.6349, -67.5807

Rectangle

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



191.4780, 21.9493, 6.5968



192.5030, 0.7380, 43.4089



183.0270, -21.2123, -9.6707



175.4790, 3.2149, -51.2861

Sweetspot

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



191.4780, 21.9493, 6.5968



240.8460, 6.9779, 1.8891



207.2170, 14.1900, -24.7463



119.4500, 4.2151, 1.3593



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.



191.4780, 21.9493, 6.5968



197.2100, 28.4905, 8.5858



199.8500, 17.8220, 23.8106



108.4500, 4.2152, 1.3594



39.7700, 69.6264, 21.2497



11.8370, 20.7864, 6.2820

Inverse Universe

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



200.2610, 7.7593, 31.3431



208.5980, 10.0582, 40.6946



215.1500, -17.8219, -23.8105



110.0870, 1.4361, 6.0627



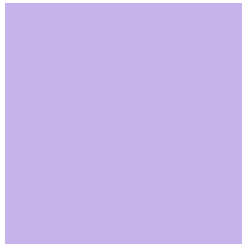
67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 191.4780, 21.9493, 6.5968 looks on a white background.

Color Contrast Check

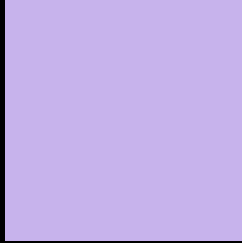
Large Text (above 18pt) WCAG AA × Fail

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 191.4780, 21.9493, 6.5968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

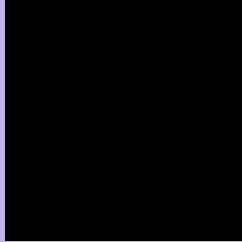
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.4780, 21.9493, 6.5968

Background



This preview shows how black text looks on a background with the YUV color 191.4780, 21.9493, 6.5968.



This preview shows how white text looks on a background with the YUV color 191.4780, 21.9493, 6.5968.

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

191.4780, 21.9493, 6.5968

Protanopia

188.6820, 25.7928, -12.8761

Deuteranopia

190.1020, 22.1347, -6.2285



Tritanopia

189.6890, 5.0833, 2.9037

Trichromacy



Original Color

191.4780, 21.9493, 6.5968

Protanomaly

189.3840, 24.4607, -5.5988

Deuteranomaly

190.7220, 21.8291, -1.5102

Tritanomaly

190.0080, 11.3351, 4.3780

Monochromacy



Original Color

191.4780, 21.9493, 6.5968

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.3730, 7.7041, 2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.4780, 21.9493, 6.5968 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(199, 179, 236)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 236)  
}
```

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(199, 179, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 236) }
```

Border

The CSS property to change the border of an element to YUV 191.4780, 21.9493, 6.5968 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(199, 179, 236) }
```


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

```
.border{ border-color:rgb(199, 179, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 236);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 191.4780, 21.9493, 6.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 236) }
```

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

```
.background{ background-color: rgb(199,  
179, 236) }
```

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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