

Converting Colors

XYZ(57.4694, 51.2120, 99.7844)

Have a look what the booklet for
XYZ(57.4694, 51.2120, 99.7844)
contains.

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Color

**XYZ(57.4694, 51.2120,
99.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B2FD
RGB	200, 178, 253
RGB Percent	78%, 70%, 99%
CMY	0.2157, 0.3019, 0.0078
CMYK	0.21, 0.30, 0.00, 0.01
HSL	258°, 95%, 85%
HSV	258°, 30%, 99%
XYZ	57.4694, 51.2120, 99.7844
YIQ	193.1280, -10.9630, 27.9890

Conversions

Conversions Part 2

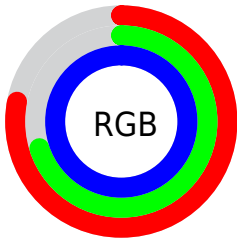
Format	Color
R _Y B	200, 178, 253
Decimal	13153021
CIE Lab	76.81, 22.77, -34.25
CIE LCh	77, 41.131, 303.614
Yxy	51.2120, 0.2757, 0.2457
Android (android.graphics.Color)	4291343101 (0xFFC8B2FD)
YUV	193.1280, 29.5169, 6.0267
Hunter-Lab	71.5626, 18.1127, -32.5782

Details

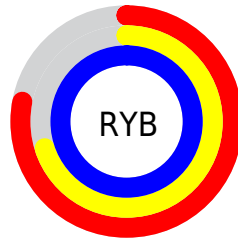
The XYZ color **57.4694, 51.2120, 99.7844** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1177, 90.4550, 55.5694**, and the grayscale version is **50.6018, 53.2370, 57.9751**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **28.9745, 24.6725, 55.4597** is the 20% darker color. If you saturate the color by 10%, you get **48.3933, 39.7378, 98.0489**, and if you desaturate by 10%, it is **68.0357, 64.8348, 101.8578**.

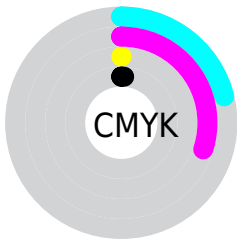
Distribution



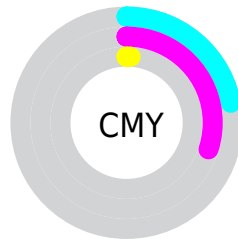
- Red (78%)
- Green (70%)
- Blue (99%)



- Red (78%)
- Yellow (70%)
- Blue (99%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4694, 51.2120, 99.7844 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 XYZ color 57.4694, 51.2120, 99.7844 by changing the saturation by 10% instead.

■ 57.4694, 51.2120,
99.7844

■ 57.4694, 51.2120,
99.7844

405.1917,
391.3869, 580.7420

■ 41.6238, 36.3774,
75.5046

■ 100.2772, 91.9681,
162.9102

■ 28.9967, 24.7258,
55.5222

127.9701,
118.6583, 202.5932

■ 19.2226, 15.8729,
39.4185

160.3429,
150.0691, 248.2478

■ 11.9362, 9.4342,
26.7751

197.7609,
186.5850, 300.2924

■ 6.7721, 5.0255,
17.1735

240.5894,
228.5904, 359.1455

■ 3.3651, 2.2622,
10.1950

289.1938,

■ 1.3496, 0.7536,

276.4695, 425.2259

5.4211

343.9394,
330.6069, 498.9518

■ 0.2199, 0.0000,
2.4334

■ 0.0000, 0.0000,
0.8045

■ 57.4694, 51.2120,
99.7844

■ 57.4694, 51.2120,
99.7844

■ 48.3933, 39.7378,
98.0489

■ 68.0357, 64.8348,
101.8578

■ 40.7318, 30.2938,
96.6298

■ 80.1523, 80.7037,
104.2822

■ 34.4106, 22.7597,
95.5087

■ 93.8825, 98.9177,
107.0742

■ 29.3455, 16.9993,
94.6638

■ 94.7298, 99.8719,
107.2137

■ 25.4421, 12.8579,
94.0702

■ 22.5905, 10.1528,
93.6983

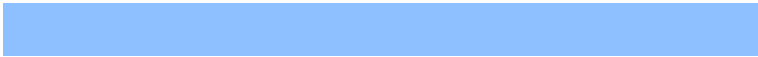
■ 20.6295, 8.6013,
93.5022

■ 20.5701, 8.5562,
93.4967

Harmonies

Analogous

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



49.6279, 51.2120, 110.6269



57.4694, 51.2120, 99.7844



63.4026, 51.2120, 77.1379

Triad

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



57.4694, 51.2120, 99.7844



55.6578, 51.2120, 25.4300



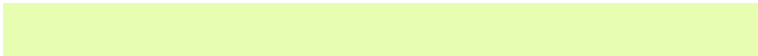
35.1759, 51.2120, 58.5154

Complementary

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



57.4694, 51.2120, 99.7844



76.1177, 90.4550, 55.5694

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.



36.4261, 51.2120, 38.7508



57.4694, 51.2120, 99.7844



47.7353, 51.2120, 22.9142

Square

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



57.4694, 51.2120, 99.7844



62.2806, 51.2120, 35.1834



40.8278, 51.2120, 27.0697



37.2117, 51.2120, 83.1137

Rectangle

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



57.4694, 51.2120, 99.7844



65.1734, 51.2120, 60.6824



40.8278, 51.2120, 27.0697



35.2269, 51.2120, 51.1135

Sweetspot

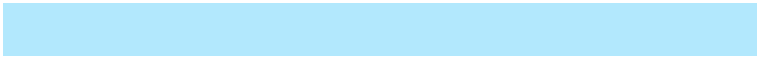
The Sweet Spot groups the original color and five complimentary colors.



57.4711, 51.2141, 99.7856



82.4437, 83.2741, 106.3360



64.8776, 74.1310, 103.8186



17.2372, 17.2847, 22.6777



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4711, 51.2141, 99.7856



52.4498, 44.4490, 100.4229



68.4932, 56.8962, 100.3014



17.5036, 17.6358, 22.7315



11.0679, 4.6162, 49.7423



1.1810, 0.5028, 4.8481

Inverse Universe

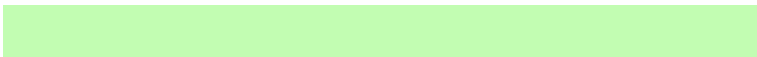
The Inverse Universe completely reimagines the original color for something new.



70.8537, 58.4949, 83.1594



68.3864, 53.1309, 80.1027



65.4751, 84.9686, 55.0713



18.5523, 18.2042, 21.5253



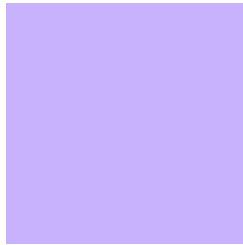
25.9326, 12.8623, 24.0935



2.5728, 1.2715, 2.5975

Previews

White Background



This preview shows how the XYZ color 57.4694, 51.2120, 99.7844 looks on a white background.

Color Contrast Check

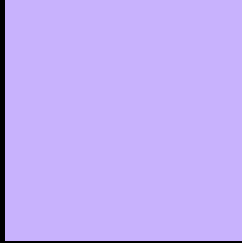
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.4694, 51.2120, 99.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

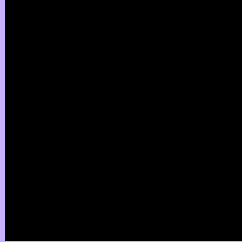
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4694, 51.2120, 99.7844

Background



This preview shows how black text looks on a background with the XYZ color 57.4694, 51.2120, 99.7844.



This preview shows how white text looks on a background with the XYZ color 57.4694, 51.2120,

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

57.4694, 51.2120, 99.7844

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.6385, 51.5044, 98.4338



Tritanopia

50.2486, 51.3546, 63.7640

Trichromacy



Original Color

57.4694, 51.2120, 99.7844

Protanomaly

54.0859, 51.2605, 100.8096

Deuteranomaly

54.2396, 51.3765, 99.1534

Tritanomaly

52.4398, 50.9708, 75.4811

Monochromacy



Original Color

57.4694, 51.2120, 99.7844

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.0139, 52.6085, 71.6503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4694, 51.2120, 99.7844 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(200, 178, 253)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 253)  
}
```

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(200, 178, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 253) }
```

Border

The CSS property to change the border of an element to XYZ 57.4694, 51.2120, 99.7844 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(200, 178, 253) }
```


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

```
.border{ border-color:rgb(200, 178, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 253);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4694, 51.2120, 99.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 253) }
```

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

```
.background{ background-color: rgb(200,  
178, 253) }
```

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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