

Converting Colors

XYZ(59.5656, 52.2719,
110.0528)

Have a look what the booklet for
XYZ(59.5656, 52.2719, 110.0528)
contains.

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Color

**XYZ(57.9895, 51.7396,
101.5381)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B3FF
RGB	200, 179, 255
RGB Percent	78%, 70%, 100%
CMY	0.2157, 0.2980, 0.0000
CMYK	0.22, 0.30, 0.00, 0.00
HSL	257°, 100%, 85%
HSV	257°, 30%, 100%
XYZ	57.9895, 51.7396, 101.5381
YIQ	193.9430, -11.8800, 28.0880

Conversions

Conversions Part 2

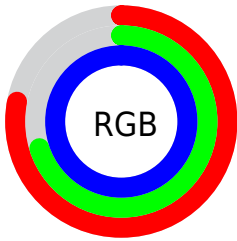
Format	Color
R _Y B	200, 179, 255
Decimal	13153279
CIE Lab	77.12, 22.67, -34.84
CIE LCh	77, 41.566, 303.056
Yxy	51.7396, 0.2745, 0.2449
Android (android.graphics.Color)	4291343359 (0xFFC8B3FF)
YUV	193.9430, 30.1011, 5.3120
Hunter-Lab	71.9302, 18.0271, -33.3437

Details

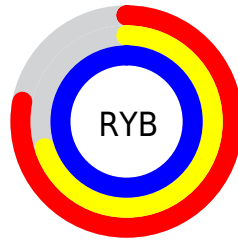
The XYZ color **57.9895, 51.7396, 101.5381** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8293, 92.2675, 56.3574**, and the grayscale version is **51.0786, 53.7386, 58.5214**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **29.3310, 25.0187, 56.7093** is the 20% darker color. If you saturate the color by 10%, you get **48.7089, 40.0581, 99.7725**, and if you desaturate by 10%, it is **68.8131, 65.6218, 103.6472**.

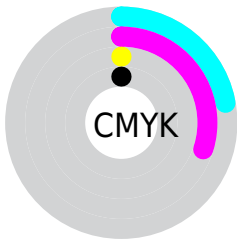
Distribution



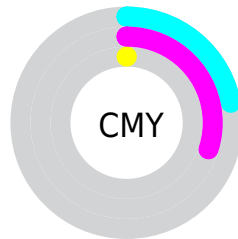
- Red (78%)
- Green (70%)
- Blue (100%)



- Red (78%)
- Yellow (70%)
- Blue (100%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9895, 51.7396, 101.5381 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 57.9895, 51.7396, 101.5381 by changing the saturation by 10% instead.

■ 57.9895, 51.7396,
101.5381

■ 57.9895, 51.7396,
101.5381

407.1013,
393.4305, 586.4015

■ 42.0434, 36.7976,
76.9617

■ 101.0306, 92.7471,
165.3396

■ 29.3266, 25.0508,
56.7100

128.8564,
119.5813, 205.4017

■ 19.4735, 16.1149,
40.3647

161.3728,
151.1484, 251.4627

■ 12.1190, 9.6055,
27.5070

198.9451,
187.8328, 303.9413

■ 6.8975, 5.1382,
17.7186

241.9388,
230.0187, 363.2559

■ 3.4439, 2.3286,
10.5808

290.7191,

■ 1.3926, 0.7888,

278.0908, 429.8252

5.6751

345.6515,
332.4332, 504.0675

■ 0.2509, 0.0000,
2.5830

■ 0.0000, 0.0000,
0.8836

■ 57.9895, 51.7396,
101.5381

■ 57.9895, 51.7396,
101.5381

■ 48.7089, 40.0581,
99.7725

■ 68.8131, 65.6218,
103.6472

■ 40.8933, 30.4560,
98.3310

■ 81.2433, 81.8052,
106.1157

■ 34.4649, 22.8093,
97.1939

95.0500, 100.0000,
108.9000

■ 29.3359, 16.9781,
96.3387

■ 25.4078, 12.8033,
95.7399

■ 22.5661, 10.0966,
95.3672

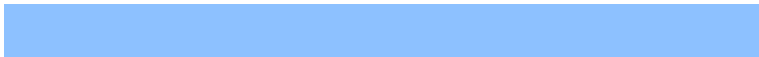
■ 20.6411, 8.5639,
95.1728

■ 20.6090, 8.5392,
95.1698

Harmonies

Analogous

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



49.9959, 51.7396, 112.2933



57.9895, 51.7396, 101.5381



64.0915, 51.7396, 78.5770

Triad

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



57.9895, 51.7396, 101.5381



56.4291, 51.7396, 25.6412



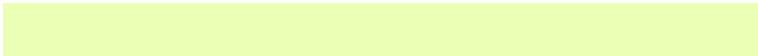
35.4447, 51.7396, 58.7006

Complementary

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



57.9895, 51.7396, 101.5381



77.8293, 92.2675, 56.3574

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.



36.7767, 51.7396, 38.7453



57.9895, 51.7396, 101.5381



48.3669, 51.7396, 22.9667

Square

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



57.9895, 51.7396, 101.5381



63.1246, 51.7396, 35.6818



41.3057, 51.7396, 27.0463



37.4518, 51.7396, 83.7294

Rectangle

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



57.9895, 51.7396, 101.5381



65.9542, 51.7396, 61.7924



41.3057, 51.7396, 27.0463



35.5174, 51.7396, 51.2099

Sweetspot

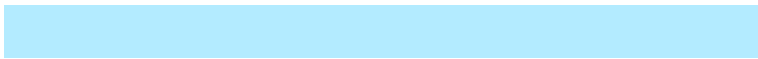
The Sweet Spot groups the original color and five complimentary colors.



57.9911, 51.7416, 101.5384



82.3121, 83.2063, 106.3299



66.2737, 76.0689, 105.7975



17.2050, 17.2681, 22.6762



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.



57.9911, 51.7416, 101.5384



52.0613, 44.2488, 100.4047



69.1854, 57.5125, 102.0623



17.4740, 17.6206, 22.7301



10.8915, 4.5253, 49.7340



1.1606, 0.4922, 4.8471

Inverse Universe

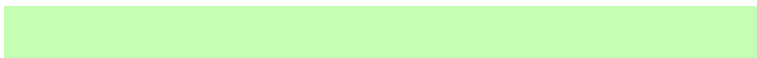
The Inverse Universe completely reimagines the original color for something new.



72.2125, 59.4425, 85.5106



68.6044, 53.2181, 81.2505



66.8541, 86.6096, 55.8438



18.5660, 18.2097, 21.5975



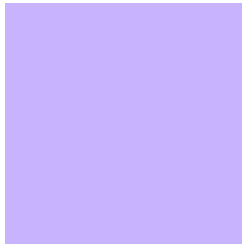
26.1657, 12.9556, 25.3206



2.5939, 1.2800, 2.7091

Previews

White Background



This preview shows how the XYZ color 57.9895, 51.7396, 101.5381 looks on a white background.

Color Contrast Check

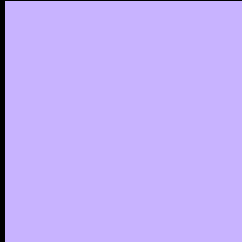
Large Text (above 18pt) WCAG AA × Fail

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 57.9895, 51.7396, 101.5381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

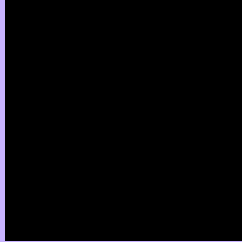
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9895, 51.7396, 101.5381

Background



This preview shows how black text looks on a background with the XYZ color 57.9895, 51.7396, 101.5381.

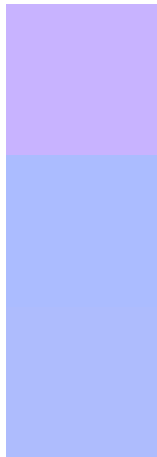


This preview shows how white text looks on a background with the XYZ color 57.9895, 51.7396,

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

57.9895, 51.7396, 101.5381

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.1684, 52.0570, 100.1742



Tritanopia

50.5825, 51.8312, 64.4652

Trichromacy



Original Color

57.9895, 51.7396, 101.5381

Protanomaly

54.6904, 51.8630, 101.7358

Deuteranomaly

54.7668, 51.9210, 100.9012

Tritanomaly

52.9164, 51.4950, 76.9626

Monochromacy



Original Color

57.9895, 51.7396, 101.5381

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.3572, 53.0888, 72.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9895, 51.7396, 101.5381 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 179, 255)  
}
```

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, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9895, 51.7396, 101.5381 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, 179, 255) }
```


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

```
.border{ border-color:rgb(200, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9895, 51.7396, 101.5381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 179, 255) }
```

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

```
.background{ background-color: rgb(200,  
179, 255) }
```

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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