

Converting Colors

XYZ(57.9136, 49.5006,
101.1099)

Have a look what the booklet for
XYZ(57.9136, 49.5006, 101.1099)
contains.

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Color

**XYZ(57.7897, 49.3250,
101.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	CDABFF
RGB	205, 171, 255
RGB Percent	80%, 67%, 100%
CMY	0.1961, 0.3294, 0.0000
CMYK	0.20, 0.33, 0.00, 0.00
HSL	264°, 100%, 84%
HSV	264°, 33%, 100%
XYZ	57.7897, 49.3250, 101.0826
YIQ	190.7420, -6.7000, 33.3320

Conversions

Conversions Part 2

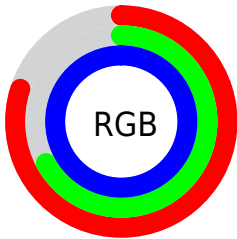
Format	Color
RYB	205, 171, 255
Decimal	13478911
CIELab	75.65, 28.53, -37.08
CIELCh	76, 46.787, 307.572
Yxy	49.3250, 0.2776, 0.2369
Android (android.graphics.Color)	4291668991 (0xFFCDABFF)
YUV	190.7420, 31.6792, 12.5043
Hunter-Lab	70.2318, 23.9719, -36.1722

Details

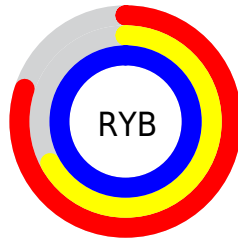
The XYZ color **57.7897, 49.3250, 101.0826** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **72.9305, 89.8329, 52.0259**, and the grayscale version is **49.1985, 51.7607, 56.3674**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **29.0659, 23.4236, 56.4154** is the 20% darker color. If you saturate the color by 10%, you get **49.4438, 38.5497, 99.4426**, and if you desaturate by 10%, it is **67.4739, 62.1717, 103.0518**.

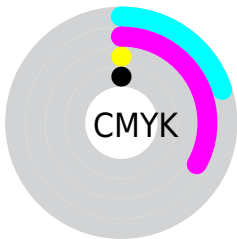
Distribution



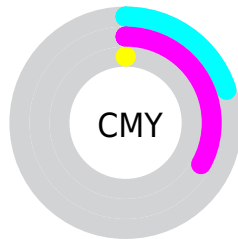
- Red (80%)
- Green (67%)
- Blue (100%)



- Red (80%)
- Yellow (67%)
- Blue (100%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7897, 49.3250, 101.0826 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 57.7897, 49.3250, 101.0826 by changing the saturation by 10% instead.

57.7897, 49.3250,
101.0826

57.7897, 49.3250,
101.0826

406.3684,
384.0204, 584.9343

41.8822, 34.8774,
76.5831

100.7413, 89.1740,
164.7090

29.1998, 23.5684,
56.4012

128.5161,
115.3441, 204.6729

19.3770, 15.0138,
40.1185

160.9773,
146.1905, 250.6286

12.0487, 8.8291,
27.3165

198.4905,
182.0975, 302.9948

6.8493, 4.6299,
17.5765

241.4208,
223.4496, 362.1899

3.4135, 2.0318,
10.4801

290.1336,

1.3760, 0.6258,

270.6312, 428.6325

5.6087

344.9944,
324.0267, 502.7411

■ 0.2390, 0.0000,
2.5437

■ 0.0000, 0.0000,
0.8632

■ 57.7897, 49.3250,
101.0826

■ 57.7897, 49.3250,
101.0826

■ 49.4438, 38.5497,
99.4426

■ 67.4739, 62.1717,
103.0518

■ 42.3666, 29.7269,
98.1126

■ 78.5523, 77.1883,
105.3664

■ 36.4885, 22.7341,
97.0727

■ 91.0827, 94.4740,
108.0425

■ 31.7303, 17.4320,
96.3001

■ 95.0500, 100.0000,
108.9000

■ 28.0022, 13.6603,
95.7686

■ 25.1968, 11.2255,
95.4465

■ 23.6680, 10.1162,
95.3129

Harmonies

Analogous

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



49.1113, 49.3250, 116.2310



57.7897, 49.3250, 101.0826



64.0259, 49.3250, 74.0398

Triad

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



57.7897, 49.3250, 101.0826



53.5283, 49.3250, 20.5782



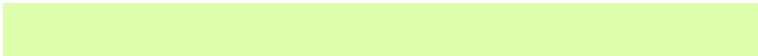
32.2329, 49.3250, 60.2411

Complementary

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



57.7897, 49.3250, 101.0826



72.9305, 89.8329, 52.0259

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.



33.1091, 49.3250, 37.4850



57.7897, 49.3250, 101.0826



44.7211, 49.3250, 18.9397

Square

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



57.7897, 49.3250, 101.0826



61.3619, 49.3250, 29.5540



37.4411, 49.3250, 24.0757



34.8804, 49.3250, 88.3619

Rectangle

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



57.7897, 49.3250, 101.0826



65.5706, 49.3250, 55.7528



37.4411, 49.3250, 24.0757



32.1316, 49.3250, 51.7110

Sweetspot

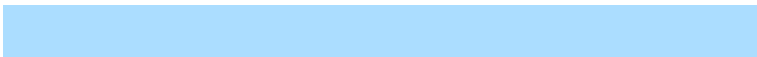
The Sweet Spot groups the original color and five complimentary colors.



57.7912, 49.3269, 101.0829



82.0824, 82.0297, 106.1149



60.8082, 67.8037, 104.4902



17.2044, 17.0570, 22.6355



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.



57.7912, 49.3269, 101.0829



51.7627, 41.5096, 99.8917



70.8307, 56.0491, 101.6931



17.6991, 17.7366, 22.7406



12.5253, 5.3675, 49.8105



1.3393, 0.5844, 4.8555

Inverse Universe

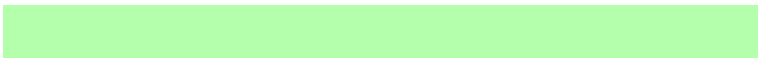
The Inverse Universe completely reimagines the original color for something new.



68.8551, 55.6080, 75.5124



64.7324, 48.8829, 69.4510



61.7950, 84.0923, 51.5048



18.4632, 18.1686, 21.0566



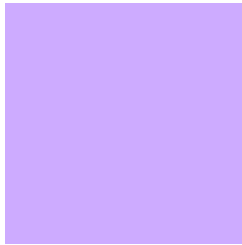
24.5769, 12.3201, 16.9545



2.4471, 1.2212, 1.9360

Previews

White Background



This preview shows how the XYZ color 57.7897, 49.3250, 101.0826 looks on a white background.

Color Contrast Check

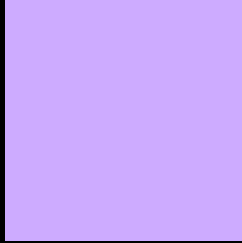
Large Text (above 18pt) WCAG AA × Fail

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 57.7897, 49.3250, 101.0826 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 57.7897, 49.3250, 101.0826

Background



This preview shows how black text looks on a background with the XYZ color 57.7897, 49.3250, 101.0826.



This preview shows how white text looks on a background with the XYZ color 57.7897, 49.3250,

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

57.7897, 49.3250, 101.0826

Protanopia

50.7075, 49.5003, 101.4897

Deuteranopia

50.8596, 49.6341, 98.9952



Tritanopia

49.5172, 49.5003, 59.7680

Trichromacy



Original Color

57.7897, 49.3250, 101.0826



Protanomaly

52.9925, 49.1635, 101.3042



Deuteranomaly

52.9058, 49.1558, 99.6281

Tritanomaly

52.3282, 49.4443, 73.1154

Monochromacy



Original Color

57.7897, 49.3250, 101.0826



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.0430, 50.8718, 70.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7897, 49.3250, 101.0826 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(205, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 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(205, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.7897, 49.3250, 101.0826 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(205, 171, 255) }
```


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

```
.border{ border-color:rgb(205, 171, 255) }
```

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

Here you see how a box with a 4 pixel rgb(205, 171, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7897, 49.3250, 101.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 255) }
```

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

```
.background{ background-color: rgb(205,  
171, 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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