

Converting Colors

XYZ(64.5104, 52.3917,
142.3520)

Have a look what the booklet for
XYZ(64.5104, 52.3917, 142.3520)
contains.

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Color

**XYZ(56.8130, 49.3865,
101.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	C8ADFF
RGB	200, 173, 255
RGB Percent	78%, 68%, 100%
CMY	0.2157, 0.3216, 0.0000
CMYK	0.22, 0.32, 0.00, 0.00
HSL	260°, 100%, 84%
HSV	260°, 32%, 100%
XYZ	56.8130, 49.3865, 101.1459
YIQ	190.4210, -10.2300, 31.2260

Conversions

Conversions Part 2

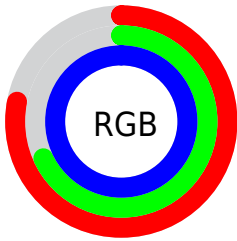
Format	Color
RYB	200, 173, 255
Decimal	13151743
CIELab	75.69, 25.96, -37.06
CIELCh	76, 45.249, 305.017
Yxy	49.3865, 0.2740, 0.2382
Android (android.graphics.Color)	4291341823 (0xFFC8ADFF)
YUV	190.4210, 31.8374, 8.4008
Hunter-Lab	70.2755, 21.3230, -36.1418

Details

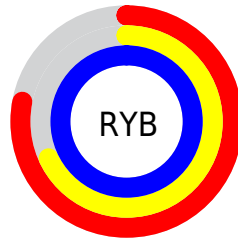
The XYZ color **56.8130, 49.3865, 101.1459** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.2985, 91.0314, 53.1394**, and the grayscale version is **49.0139, 51.5664, 56.1558**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **28.5866, 23.5299, 56.4611** is the 20% darker color. If you saturate the color by 10%, you get **48.0668, 38.2995, 99.4669**, and if you desaturate by 10%, it is **67.0064, 62.6070, 103.1605**.

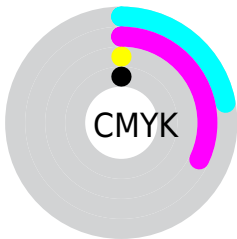
Distribution



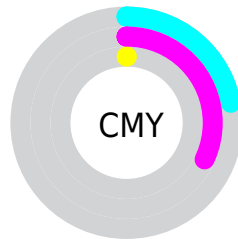
- Red (78%)
- Green (68%)
- Blue (100%)



- Red (78%)
- Yellow (68%)
- Blue (100%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8130, 49.3865, 101.1459 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 56.8130, 49.3865, 101.1459 by changing the saturation by 10% instead.

■ 56.8130, 49.3865,
101.1459

■ 56.8130, 49.3865,
101.1459

402.7737,
384.2619, 585.1383

■ 41.0947, 34.9262,
76.6357

■ 99.3252, 89.2652,
164.7966

■ 28.5811, 23.6060,
56.4441

126.8498,
115.4524, 204.7742

■ 18.9068, 15.0416,
40.1527

159.0406,
146.3173, 250.7446

■ 11.7066, 8.8486,
27.3430

196.2628,
182.2444, 303.1264

■ 6.6150, 4.6426,
17.5962

238.8819,
223.6180, 362.3381

■ 3.2667, 2.0391,
10.4941

287.2631,

■ 1.2963, 0.6300,

270.8225, 428.7983

5.6179

341.7720,
324.2423, 502.9256

■ 0.1805, 0.0000,
2.5492

■ 0.0000, 0.0000,
0.8660

■ 56.8130, 49.3865,
101.1459

■ 56.8130, 49.3865,
101.1459

■ 48.0668, 38.2995,
99.4669

■ 67.0064, 62.6070,
103.1605

■ 40.6931, 29.2250,
98.1040

■ 78.7074, 78.0614,
105.5268

■ 34.6173, 22.0386,
97.0371

■ 91.9784, 95.8509,
108.2610

■ 29.7550, 16.5994,
96.2435

■ 95.0500, 100.0000,
108.9000

■ 26.0104, 12.7455,
95.6970

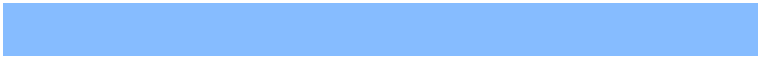
■ 23.2707, 10.2828,
95.3660

■ 21.7030, 9.1032,
95.2210

Harmonies

Analogous

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



48.3646, 49.3865, 114.1319



56.8130, 49.3865, 101.1459



63.1235, 49.3865, 75.7272

Triad

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



56.8130, 49.3865, 101.1459



54.0842, 49.3865, 21.8395



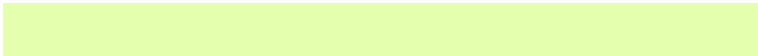
32.6417, 49.3865, 57.9136

Complementary

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



56.8130, 49.3865, 101.1459



75.2985, 91.0314, 53.1394

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.



33.7905, 49.3865, 36.5346



56.8130, 49.3865, 101.1459



45.5444, 49.3865, 19.6451

Square

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



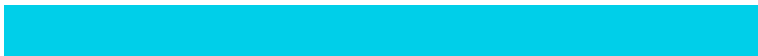
56.8130, 49.3865, 101.1459



61.4212, 49.3865, 31.3913



38.2834, 49.3865, 24.1298



34.9357, 49.3865, 84.8591

Rectangle

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



56.8130, 49.3865, 101.1459



64.9036, 49.3865, 57.8845



38.2834, 49.3865, 24.1298



32.6410, 49.3865, 49.8619

Sweetspot

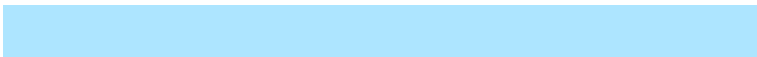
The Sweet Spot groups the original color and five complimentary colors.



56.8145, 49.3884, 101.1462



81.4330, 81.6949, 106.0845



63.3133, 72.1625, 105.1995



17.0478, 16.9763, 22.6282



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.



56.8145, 49.3884, 101.1462



50.6751, 41.5752, 99.9617



68.9184, 55.6282, 101.7127



17.5663, 17.6682, 22.7344



11.4797, 4.8285, 49.7615



1.2274, 0.5267, 4.8502

Inverse Universe

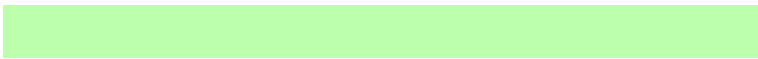
The Inverse Universe completely reimagines the original color for something new.



70.1881, 56.7502, 80.6541



66.2720, 50.1737, 75.4774



64.0513, 85.2333, 52.6130



18.5234, 18.1927, 21.3733



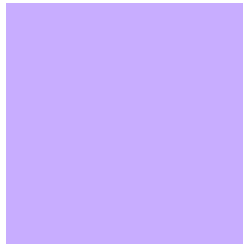
25.4633, 12.6746, 21.6221



2.5298, 1.2543, 2.3711

Previews

White Background



This preview shows how the XYZ color 56.8130, 49.3865, 101.1459 looks on a white background.

Color Contrast Check

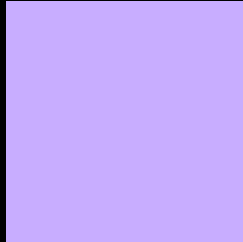
Large Text (above 18pt) WCAG AA × Fail

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 56.8130, 49.3865, 101.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

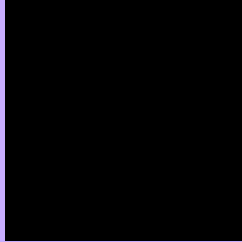
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8130, 49.3865, 101.1459

Background



This preview shows how black text looks on a background with the XYZ color 56.8130, 49.3865, 101.1459.



This preview shows how white text looks on a background with the XYZ color 56.8130, 49.3865,

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

56.8130, 49.3865, 101.1459

Protanopia

50.7075, 49.5003, 101.4897

Deuteranopia

50.8065, 49.5883, 99.8222



Tritanopia

48.6845, 49.3517, 60.9927

Trichromacy



Original Color

56.8130, 49.3865, 101.1459

Protanomaly

52.7314, 49.3275, 101.3497

Deuteranomaly

52.8011, 49.3820, 100.5147

Tritanomaly

51.3556, 49.2263, 73.8127

Monochromacy



Original Color

56.8130, 49.3865, 101.1459

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.5262, 50.6054, 70.6704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8130, 49.3865, 101.1459 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, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 173, 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, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.8130, 49.3865, 101.1459 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, 173, 255) }
```


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

```
.border{ border-color:rgb(200, 173, 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, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8130, 49.3865, 101.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 173, 255) }
```

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

```
.background{ background-color: rgb(200,  
173, 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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