

Converting Colors

XYZ(61.4263, 57.0655,
161.0190)

Have a look what the booklet for
XYZ(61.4263, 57.0655, 161.0190)
contains.

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Color

**XYZ(50.1043, 52.3829,
102.0779)**

Conversions

Conversions Part 1

Format	Color
Hex	97C2FF
RGB	151, 194, 255
RGB Percent	59%, 76%, 100%
CMY	0.4078, 0.2392, 0.0000
CMYK	0.41, 0.24, 0.00, 0.00
HSL	215°, 100%, 80%
HSV	215°, 41%, 100%
XYZ	50.1043, 52.3829, 102.0779
YIQ	188.0970, -45.2090, 9.8550

Conversions

Conversions Part 2

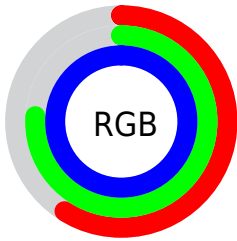
Format	Color
RYB	151, 181, 255
Decimal	9945855
CIELab	77.51, 0.85, -34.52
CIELCh	78, 34.531, 271.412
Yxy	52.3829, 0.2449, 0.2561
Android (android.graphics.Color)	4288135935 (0xFF97C2FF)
YUV	188.0970, 32.9832, -32.5341
Hunter-Lab	72.3760, -3.0865, -32.9584

Details

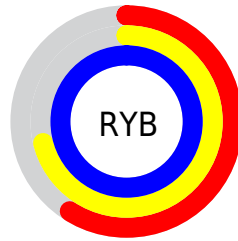
The XYZ color **50.1043, 52.3829, 102.0779** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.3701, 70.5821, 39.1949**, and the grayscale version is **47.6934, 50.1772, 54.6430**.

A 20% lighter version of the original color is **78.2480, 89.0011, 107.6626**, and **24.4372, 25.5599, 57.0716** is the 20% darker color. If you saturate the color by 10%, you get **42.7108, 43.8770, 100.8257**, and if you desaturate by 10%, it is **58.8594, 62.0903, 103.4901**.

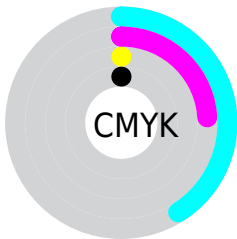
Distribution



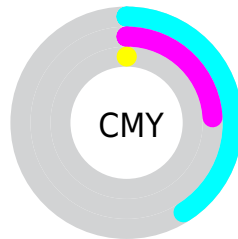
- Red (59%)
- Green (76%)
- Blue (100%)



- Red (59%)
- Yellow (71%)
- Blue (100%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1043, 52.3829, 102.0779 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 50.1043, 52.3829, 102.0779 by changing the saturation by 10% instead.

■ 50.1043, 52.3829,
102.0779

■ 50.1043, 52.3829,
102.0779

377.5189,
395.9130, 588.1377

■ 35.7144, 37.3104,
77.4105

■ 89.5203, 93.6957,
166.0865

■ 24.3828, 25.4479,
57.0763

■ 115.2771,
120.7047, 206.2647

■ 15.7441, 16.4111,
40.6567

145.5536,
152.4614, 252.4504

■ 9.4329, 9.8155,
27.7333

180.7152,
189.3501, 305.0619

■ 5.0840, 5.2768,
17.8874

221.1271,
231.7552, 364.5178

■ 2.3319, 2.4106,
10.7006

267.1548,

■ 0.8109, 0.8313,

280.0612, 431.2368

5.7542

319.1636,
334.6523, 505.6372

■ 0.0000, 0.0000,
2.6299

■ 0.0000, 0.0000,
0.9078

■ 50.1043, 52.3829,
102.0779

■ 50.1043, 52.3829,
102.0779

■ 42.7108, 43.8770,
100.8257

■ 58.8594, 62.0903,
103.4901

■ 36.5976, 36.5128,
99.7265

■ 69.0416, 73.0436,
105.0677

■ 31.6816, 30.2331,
98.7735

■ 80.7173, 85.2918,
106.8164

■ 27.8664, 24.9723,
97.9591

■ 93.9475, 98.8790,
108.7417

■ 25.0381, 20.6544,
97.2748

95.0500, 100.0000,
108.9000

■ 23.1459, 17.4118,
96.7486

Harmonies

Analogous

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



43.9127, 52.3829, 95.6478



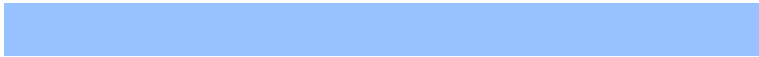
50.1043, 52.3829, 102.0779



56.7600, 52.3829, 94.3791

Triad

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



50.1043, 52.3829, 102.0779



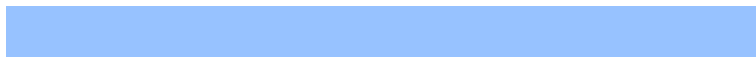
61.5275, 52.3829, 39.9884



39.3761, 52.3829, 41.2353

Complementary

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



50.1043, 52.3829, 102.0779



70.3701, 70.5821, 39.1949

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.



43.4124, 52.3829, 31.1276



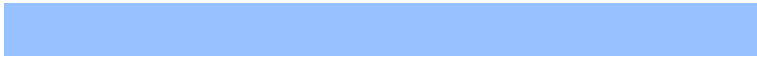
50.1043, 52.3829, 102.0779



56.1661, 52.3829, 30.5286

Square

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



50.1043, 52.3829, 102.0779



63.7080, 52.3829, 56.1380



49.4738, 52.3829, 27.6836



38.0601, 52.3829, 57.9437

Rectangle

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



50.1043, 52.3829, 102.0779



60.4755, 52.3829, 83.0840



49.4738, 52.3829, 27.6836



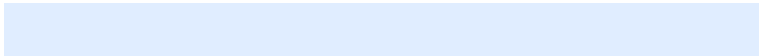
40.4408, 52.3829, 37.0954

Sweetspot

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



50.1059, 52.3848, 102.0782



79.2139, 83.7298, 106.5942



60.3652, 82.8365, 74.8758



16.6152, 17.5676, 22.7651



0.0000, 0.0000, 0.0000



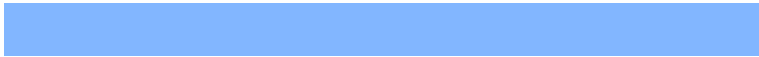
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1059, 52.3848, 102.0782



43.9328, 45.3082, 101.0376



43.5488, 36.7944, 99.4145



17.6199, 18.6115, 22.9136



12.2330, 9.3755, 50.5995



1.2957, 1.1221, 4.9616

Inverse Universe

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



62.0453, 47.2899, 56.8986



57.6431, 40.6041, 48.8998



79.4695, 93.4077, 43.1211



18.3208, 18.1116, 20.3065



22.9628, 11.6744, 8.4547



2.2886, 1.1578, 1.1013

Previews

White Background



This preview shows how the XYZ color 50.1043, 52.3829, 102.0779 looks on a white background.

Color Contrast Check

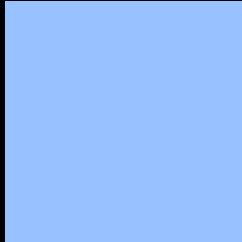
Large Text (above 18pt) WCAG AA × Fail

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 50.1043, 52.3829, 102.0779 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

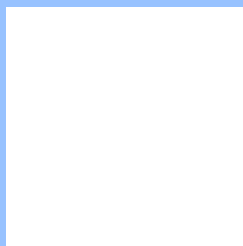
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1043, 52.3829, 102.0779

Background



This preview shows how black text looks on a background with the XYZ color 50.1043, 52.3829, 102.0779.



This preview shows how white text looks on a background with the XYZ color 50.1043, 52.3829,

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

50.1043, 52.3829, 102.0779

Protanopia

53.0657, 52.3589, 98.5762

Deuteranopia

53.2668, 52.0707, 101.8509



Tritanopia

44.3955, 52.4458, 73.4288

Trichromacy



Original Color

50.1043, 52.3829, 102.0779

Protanomaly

51.9274, 52.3969, 99.4722

Deuteranomaly

51.9805, 52.0462, 101.9140

Tritanomaly

46.2949, 52.1774, 83.2326

Monochromacy



Original Color

50.1043, 52.3829, 102.0779

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9763, 50.6943, 69.5437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1043, 52.3829, 102.0779 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(151, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 194, 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(151, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.1043, 52.3829, 102.0779 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(151, 194, 255) }
```


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

```
.border{ border-color:rgb(151, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1043, 52.3829, 102.0779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 194, 255) }
```

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

```
.background{ background-color: rgb(151,  
194, 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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