

Converting Colors

XYZ(52.5002, 51.4883,
101.7789)

Have a look what the booklet for
XYZ(52.5002, 51.4883, 101.7789)
contains.

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Color

**XYZ(52.3979, 51.3067,
101.7493)**

Conversions

Conversions Part 1

Format	Color
Hex	AABBFF
RGB	170, 187, 255
RGB Percent	67%, 73%, 100%
CMY	0.3333, 0.2667, 0.0000
CMYK	0.33, 0.27, 0.00, 0.00
HSL	228°, 100%, 83%
HSV	228°, 33%, 100%
XYZ	52.3979, 51.3067, 101.7493
YIQ	189.6690, -31.9600, 17.5440

Conversions

Conversions Part 2

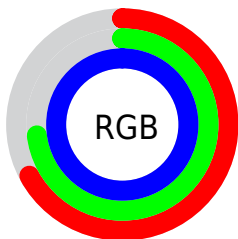
Format	Color
R _Y B	170, 184, 255
Decimal	11189247
CIE Lab	76.86, 9.70, -35.42
CIE LCh	77, 36.727, 285.317
Yxy	51.3067, 0.2550, 0.2497
Android (android.graphics.Color)	4289379327 (0xFFAABBFF)
YUV	189.6690, 32.2082, -17.2497
Hunter-Lab	71.6287, 5.2263, -34.0820

Details

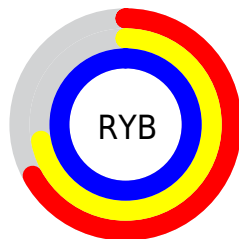
The XYZ color **52.3979, 51.3067, 101.7493** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0707, 85.3117, 50.3314**, and the grayscale version is **48.5886, 51.1190, 55.6685**.

A 20% lighter version of the original color is **81.7791, 87.6521, 107.2161**, and **25.7884, 24.7722, 56.8484** is the 20% darker color. If you saturate the color by 10%, you get **43.3860, 40.6872, 100.1745**, and if you desaturate by 10%, it is **63.0968, 63.7107, 103.5796**.

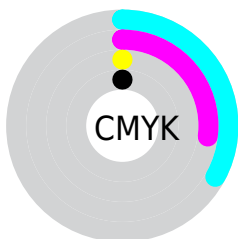
Distribution



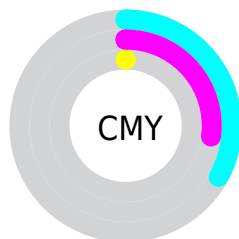
- Red (67%)
- Green (73%)
- Blue (100%)



- Red (67%)
- Yellow (72%)
- Blue (100%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3979, 51.3067, 101.7493 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 52.3979, 51.3067, 101.7493 by changing the saturation by 10% instead.

■ 52.3979, 51.3067,
101.7493

■ 52.3979, 51.3067,
101.7493

386.2696,
391.7542, 587.0812

■ 37.5479, 36.4528,
77.1372

■ 92.8885, 92.1080,
165.6318

■ 25.8076, 24.7841,
56.8533

119.2599,
118.8241, 205.7394

■ 16.8117, 15.9163,
40.4789

150.2024,
150.2630, 251.8493

■ 10.1948, 9.4649,
27.5955

186.0814,
186.8092, 304.3799

■ 5.5916, 5.0456,
17.7846

227.2623,
228.8470, 363.7498

■ 2.6366, 2.2741,
10.6276

274.1103,

■ 0.9647, 0.7599,

276.7609, 430.3777

5.7060

326.9910,
330.9351, 504.6819

■ 0.0000, 0.0000,
2.6013

■ 0.0000, 0.0000,
0.8931

■ 52.3979, 51.3067,
101.7493

■ 52.3979, 51.3067,
101.7493

■ 43.3860, 40.6872,
100.1745

■ 63.0968, 63.7107,
103.5796

■ 35.9686, 31.7629,
98.8428

■ 75.5593, 77.9713,
105.6753

■ 30.0512, 24.4451,
97.7423

■ 89.8629, 94.1638,
108.0469

■ 25.5270, 18.6347,
96.8592

95.0500, 100.0000,
108.9000

■ 22.2744, 14.2206,
96.1786

■ 20.1489, 11.0745,
95.6834

■ 19.2339, 9.5878,
95.4446

Harmonies

Analogous

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



45.4416, 51.3067, 101.9135



52.3979, 51.3067, 101.7493



58.9455, 51.3067, 87.4915

Triad

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



52.3979, 51.3067, 101.7493



58.8265, 51.3067, 32.7467



36.8991, 51.3067, 46.6756

Complementary

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



52.3979, 51.3067, 101.7493



79.0707, 85.3117, 50.3314

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.



39.8306, 51.3067, 32.9577



52.3979, 51.3067, 101.7493



52.2476, 51.3067, 26.3182

Square

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



52.3979, 51.3067, 101.7493



62.8913, 51.3067, 46.3123



45.3049, 51.3067, 26.3848



36.9310, 51.3067, 66.6469

Rectangle

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



52.3979, 51.3067, 101.7493



62.0072, 51.3067, 73.5049



45.3049, 51.3067, 26.3848



37.5574, 51.3067, 41.2992

Sweetspot

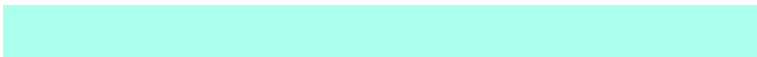
The Sweet Spot groups the original color and five complimentary colors.



52.3995, 51.3086, 101.7495



80.1169, 83.1483, 106.4344



67.5637, 86.1566, 92.8715



16.7314, 17.3241, 22.7120



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.



52.3995, 51.3086, 101.7495



46.2074, 44.0333, 100.6716



54.6957, 47.4516, 100.8840



17.2971, 17.9659, 22.8061



10.1327, 5.1749, 49.8994



1.0591, 0.6488, 4.8827

Inverse Universe

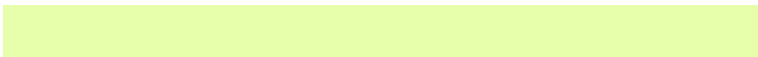
The Inverse Universe completely reimagines the original color for something new.



64.5855, 53.5989, 53.9573



60.2129, 47.0751, 45.6515



75.9445, 91.3977, 51.6709



18.1579, 18.0465, 19.4486



21.9027, 11.2504, 2.8722



2.1692, 1.1100, 0.4723

Previews

White Background



This preview shows how the XYZ color 52.3979, 51.3067, 101.7493 looks on a white background.

Color Contrast Check

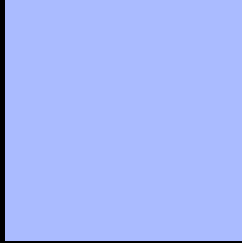
Large Text (above 18pt) WCAG AA × Fail

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 52.3979, 51.3067, 101.7493 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 52.3979, 51.3067, 101.7493

Background



This preview shows how black text looks on a background with the XYZ color 52.3979, 51.3067, 101.7493.



This preview shows how white text looks on a background with the XYZ color 52.3979, 51.3067,

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

52.3979, 51.3067, 101.7493

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.6149, 51.4186, 101.7594



Tritanopia

45.7702, 51.2069, 69.0996

Trichromacy



Original Color

52.3979, 51.3067, 101.7493

Protanomaly

52.3979, 51.3067, 101.7493

Deuteranomaly

52.6149, 51.4186, 101.7594

Tritanomaly

48.0246, 51.1378, 80.0125

Monochromacy



Original Color

52.3979, 51.3067, 101.7493

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.8636, 51.3175, 70.8955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3979, 51.3067, 101.7493 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(170, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 187, 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(170, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.3979, 51.3067, 101.7493 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(170, 187, 255) }
```


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

```
.border{ border-color:rgb(170, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3979, 51.3067, 101.7493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 187, 255) }
```

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

```
.background{ background-color: rgb(170,  
187, 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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