

Converting Colors

XYZ(52.4301, 51.0470,
101.6974)

Have a look what the booklet for
XYZ(52.4301, 51.0470, 101.6974)
contains.

XYZ(52.4035, 50.9957, 101.6889)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.4035, 50.9957,
101.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBAFF
RGB	171, 186, 255
RGB Percent	67%, 73%, 100%
CMY	0.3294, 0.2706, 0.0000
CMYK	0.33, 0.27, 0.00, 0.00
HSL	229°, 100%, 84%
HSV	229°, 33%, 100%
XYZ	52.4035, 50.9957, 101.6889
YIQ	189.3810, -31.0890, 18.2790

Conversions

Conversions Part 2

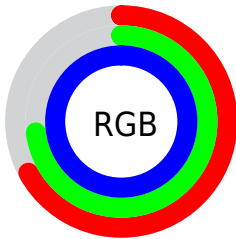
Format	Color
RYB	171, 184, 255
Decimal	11254527
CIELab	76.68, 10.53, -35.71
CIElCh	77, 37.227, 286.425
Yxy	50.9957, 0.2555, 0.2487
Android (android.graphics.Color)	4289444607 (0xFFABBAFF)
YUV	189.3810, 32.3502, -16.1201
Hunter-Lab	71.4113, 6.0183, -34.4404

Details

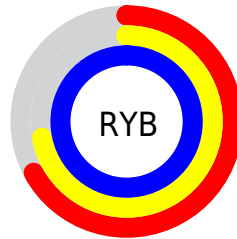
The XYZ color **52.4035, 50.9957, 101.6889** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7513, 86.5209, 51.0269**, and the grayscale version is **48.4225, 50.9442, 55.4782**.

A 20% lighter version of the original color is **81.7970, 87.2182, 107.1314**, and **25.7830, 24.5653, 56.8087** is the 20% darker color. If you saturate the color by 10%, you get **43.2815, 40.2165, 100.0891**, and if you desaturate by 10%, it is **63.2469, 63.6248, 103.5551**.

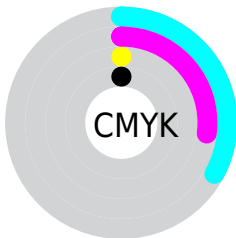
Distribution



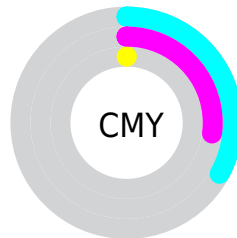
- Red (67%)
- Green (73%)
- Blue (100%)



- 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 52.4035, 50.9957, 101.6889 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 52.4035, 50.9957, 101.6889 by changing the saturation by 10% instead.

■ 52.4035, 50.9957,
101.6889

■ 52.4035, 50.9957,
101.6889

386.2908,
390.5471, 586.8868

■ 37.5524, 36.2052,
77.0870

■ 92.8968, 91.6484,
165.5483

■ 25.8111, 24.5927,
56.8123

119.2696,
118.2794, 205.6428

■ 16.8143, 15.7739,
40.4462

150.2137,
149.6260, 251.7387

■ 10.1967, 9.3643,
27.5702

186.0944,
186.0726, 304.2545

■ 5.5928, 4.9795,
17.7657

227.2771,
228.0037, 363.6086

■ 2.6374, 2.2353,
10.6142

274.1272,

■ 0.9650, 0.7391,

275.8035, 430.2197

5.6972

327.0100,
329.8565, 504.5063

■ 0.0000, 0.0000,
2.5960

■ 0.0000, 0.0000,
0.8904

■ 52.4035, 50.9957,
101.6889

■ 52.4035, 50.9957,
101.6889

■ 43.2815, 40.2165,
100.0891

■ 63.2469, 63.6248,
103.5551

■ 35.7863, 31.1934,
98.7425

■ 75.8903, 78.1799,
105.6981

■ 29.8213, 23.8331,
97.6362

■ 90.4128, 94.7400,
108.1291

■ 25.2773, 18.0310,
96.7558

■ 95.0500, 100.0000,
108.9000

■ 22.0302, 13.6698,
96.0852

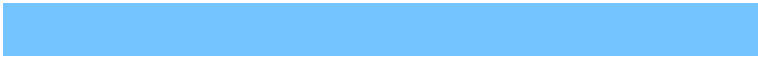
■ 19.9325, 10.6145,
95.6060

■ 19.0090, 9.1379,
95.3697

Harmonies

Analogous

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



45.3584, 50.9957, 102.4388



52.4035, 50.9957, 101.6889



58.9650, 50.9957, 86.8024

Triad

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



52.4035, 50.9957, 101.6889



58.4233, 50.9957, 31.8882



36.4547, 50.9957, 46.9058

Complementary

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



52.4035, 50.9957, 101.6889



79.7513, 86.5209, 51.0269

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.



39.3004, 50.9957, 32.8408



52.4035, 50.9957, 101.6889



51.7205, 50.9957, 25.6995

Square

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



52.4035, 50.9957, 101.6889



62.6642, 50.9957, 45.2588



44.7382, 50.9957, 25.9997



36.5992, 50.9957, 67.2383

Rectangle

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



52.4035, 50.9957, 101.6889



61.9809, 50.9957, 72.5381



44.7382, 50.9957, 25.9997



37.0806, 50.9957, 41.4057

Sweetspot

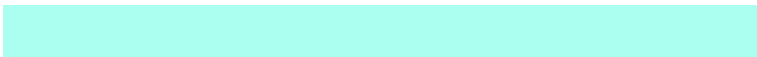
The Sweet Spot groups the original color and five complimentary colors.



52.4051, 50.9976, 101.6892



79.9610, 82.8366, 106.3824



68.2244, 86.4459, 95.2174



16.6940, 17.2493, 22.6995



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.



52.4051, 50.9976, 101.6892



45.7903, 43.1992, 100.5326



55.7978, 48.2992, 100.9896



17.2653, 17.9021, 22.7954



10.0079, 4.9254, 49.8578



1.0424, 0.6156, 4.8771

Inverse Universe

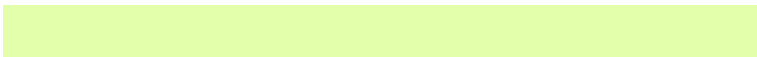
The Inverse Universe completely reimagines the original color for something new.



64.6669, 53.9326, 53.4580



60.0024, 46.9909, 44.5430



75.2334, 91.0201, 52.1335



18.1418, 18.0400, 19.3638



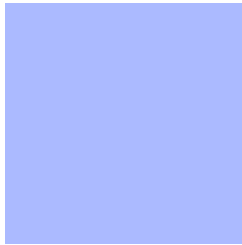
21.8397, 11.2252, 2.5405



2.1608, 1.1067, 0.4281

Previews

White Background



This preview shows how the XYZ color 52.4035, 50.9957, 101.6889 looks on a white background.

Color Contrast Check

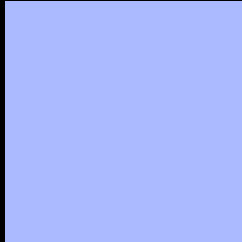
Large Text (above 18pt) WCAG AA × Fail

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 52.4035, 50.9957, 101.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

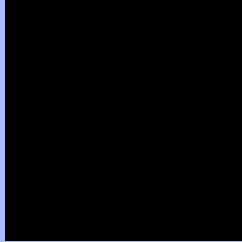
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4035, 50.9957, 101.6889

Background



This preview shows how black text looks on a background with the XYZ color 52.4035, 50.9957, 101.6889.



This preview shows how white text looks on a background with the XYZ color 52.4035, 50.9957,

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

52.4035, 50.9957, 101.6889

Protanopia

51.9711, 50.7728, 101.6687

Deuteranopia

52.1865, 50.8839, 101.6788



Tritanopia

45.6226, 50.8138, 68.3762

Trichromacy



Original Color

52.4035, 50.9957, 101.6889

Protanomaly

52.1865, 50.8839, 101.6788

Deuteranomaly

52.1865, 50.8839, 101.6788

Tritanomaly

47.8753, 50.7519, 79.2243

Monochromacy



Original Color

52.4035, 50.9957, 101.6889

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2849, 50.7156, 70.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4035, 50.9957, 101.6889 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(171, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 186, 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(171, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4035, 50.9957, 101.6889 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(171, 186, 255) }
```


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

```
.border{ border-color:rgb(171, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4035, 50.9957, 101.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 186, 255) }
```

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

```
.background{ background-color: rgb(171,  
186, 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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