

Converting Colors

XYZ(51.8901, 43.4941,
100.2680)

Have a look what the booklet for
XYZ(51.8901, 43.4941, 100.2680)
contains.

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Color

**XYZ(52.0301, 43.6569,
100.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA1FF
RGB	190, 161, 255
RGB Percent	75%, 63%, 100%
CMY	0.2549, 0.3686, 0.0000
CMYK	0.25, 0.37, 0.00, 0.00
HSL	259°, 100%, 82%
HSV	259°, 37%, 100%
XYZ	52.0301, 43.6569, 100.2921
YIQ	180.3870, -12.8900, 35.3820

Conversions

Conversions Part 2

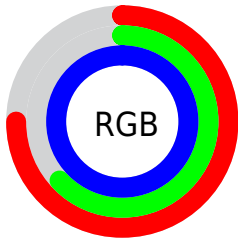
Format	Color
R_{YB}	190, 161, 255
Decimal	12493311
CIE _{Lab}	72.00, 29.71, -42.87
CIE _{LCh}	72, 52.164, 304.724
Yxy	43.6569, 0.2655, 0.2228
Android (android.graphics.Color)	4290683391 (0xFFBEA1FF)
YUV	180.3870, 36.7842, 8.4306
Hunter-Lab	66.0734, 24.9331, -43.7443

Details

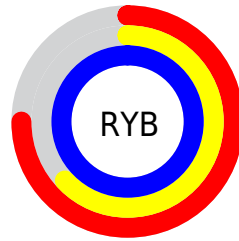
The XYZ color **52.0301, 43.6569, 100.2921** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.5575, 90.2621, 47.2653**, and the grayscale version is **43.4050, 45.6654, 49.7297**.

A 20% lighter version of the original color is **81.3173, 76.2882, 105.0470**, and **25.6534, 20.1654, 55.9663** is the 20% darker color. If you saturate the color by 10%, you get **43.8791, 33.5014, 98.7615**, and if you desaturate by 10%, it is **61.6254, 55.9076, 102.1510**.

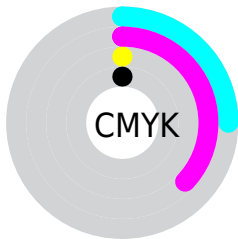
Distribution



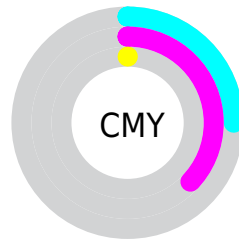
- Red (75%)
- Green (63%)
- Blue (100%)



- Red (75%)
- Yellow (63%)
- Blue (100%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0301, 43.6569, 100.2921 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 52.0301, 43.6569, 100.2921 by changing the saturation by 10% instead.

■ 52.0301, 43.6569,
100.2921

■ 52.0301, 43.6569,
100.2921

384.8748,
361.3063, 582.3834

■ 37.2534, 30.4009,
75.9263

■ 92.3496, 80.7012,
163.6139

■ 25.5783, 20.1431,
55.8658

■ 118.6231,
105.2583, 203.4070

■ 16.6395, 12.4991,
39.6920

149.4597,
134.3512, 249.1795

■ 10.0715, 7.0845,
26.9865

185.2246,
168.3642, 301.3501

■ 5.5090, 3.5150,
17.3308

226.2832,
207.6819, 360.3372

■ 2.5867, 1.4062,
10.3062

273.0009,

■ 0.9392, 0.2213,

252.6885, 426.5595

5.4942

325.7430,
303.7685, 500.4354

■ 0.0000, 0.0000,
2.4763

■ 0.0000, 0.0000,
0.8275

■ 52.0301, 43.6569,
100.2921

■ 52.0301, 43.6569,
100.2921

■ 43.8791, 33.5014,
98.7615

■ 61.6254, 55.9076,
102.1510

■ 37.0936, 25.3153,
97.5390

■ 72.7296, 70.3595,
104.3552

■ 31.5933, 18.9663,
96.6035

■ 85.4084, 87.1176,
106.9216

■ 27.2869, 14.3037,
95.9305

95.0500, 100.0000,
108.9000

■ 24.0692, 11.1513,
95.4916

■ 21.8115, 9.2881,
95.2509

■ 21.2472, 8.8682,
95.1996

Harmonies

Analogous

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



42.9205, 43.6569, 115.0521



52.0301, 43.6569, 100.2921



58.9800, 43.6569, 71.6930

Triad

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



52.0301, 43.6569, 100.2921



49.2419, 43.6569, 15.5550



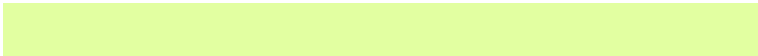
26.6647, 43.6569, 51.6881

Complementary

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



52.0301, 43.6569, 100.2921



73.5575, 90.2621, 47.2653

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.



27.8594, 43.6569, 29.5233



52.0301, 43.6569, 100.2921



40.1006, 43.6569, 13.5026

Square

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



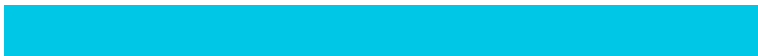
52.0301, 43.6569, 100.2921



57.2156, 43.6569, 24.7193



32.4869, 43.6569, 17.5522



28.9544, 43.6569, 81.2895

Rectangle

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



52.0301, 43.6569, 100.2921



60.9826, 43.6569, 52.1875



32.4869, 43.6569, 17.5522



26.6755, 43.6569, 43.1675

Sweetspot

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



52.0315, 43.6586, 100.2923



79.9661, 79.8960, 105.8145



60.1634, 69.6269, 104.8761



16.7473, 16.6136, 22.5740



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.



52.0315, 43.6586, 100.2923



46.0688, 36.2009, 99.1671



65.4543, 50.5782, 100.9205



17.5301, 17.6495, 22.7327



11.2354, 4.7025, 49.7501



1.2001, 0.5126, 4.8490

Inverse Universe

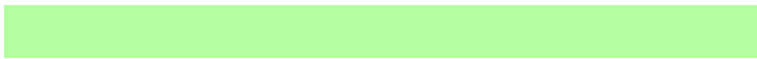
The Inverse Universe completely reimagines the original color for something new.



67.7130, 52.2420, 78.4666



64.0017, 46.0326, 73.4892



60.9699, 83.7730, 46.6762



18.5400, 18.1993, 21.4610



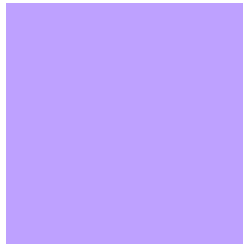
25.7305, 12.7815, 23.0290



2.5543, 1.2641, 2.5003

Previews

White Background



This preview shows how the XYZ color 52.0301, 43.6569, 100.2921 looks on a white background.

Color Contrast Check

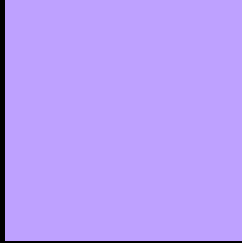
Large Text (above 18pt) WCAG AA × Fail

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 52.0301, 43.6569, 100.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

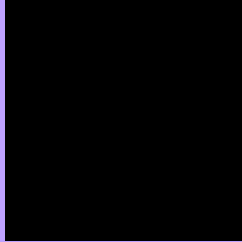
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0301, 43.6569, 100.2921

Background



This preview shows how black text looks on a background with the XYZ color 52.0301, 43.6569, 100.2921.



This preview shows how white text looks on a background with the XYZ color 52.0301, 43.6569,

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

52.0301, 43.6569, 100.2921

Protanopia

45.7637, 43.9761, 100.6840

Deuteranopia

45.1134, 43.9841, 98.2075



Tritanopia

42.8754, 43.7990, 54.3384

Trichromacy



Original Color

52.0301, 43.6569, 100.2921

Protanomaly

47.7550, 43.5953, 100.5055

Deuteranomaly

47.2086, 43.6278, 98.8614

Tritanomaly

45.6764, 43.4986, 68.9395

Monochromacy



Original Color

52.0301, 43.6569, 100.2921

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.9732, 44.5825, 65.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0301, 43.6569, 100.2921 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(190, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 161, 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(190, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0301, 43.6569, 100.2921 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(190, 161, 255) }
```


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

```
.border{ border-color:rgb(190, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0301, 43.6569, 100.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 161, 255) }
```

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

```
.background{ background-color: rgb(190,  
161, 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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