

Converting Colors

XYZ(52.5053, 43.0470, 92.6034)

Have a look what the booklet for
XYZ(52.5053, 43.0470, 92.6034)
contains.

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Color

**XYZ(52.5109, 43.0471,
92.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	C89DF6
RGB	200, 157, 246
RGB Percent	78%, 62%, 96%
CMY	0.2157, 0.3843, 0.0353
CMYK	0.19, 0.36, 0.00, 0.04
HSL	269°, 83%, 79%
HSV	269°, 36%, 96%
XYZ	52.5109, 43.0471, 92.7301
YIQ	180.0030, -2.9410, 36.7950

Conversions

Conversions Part 2

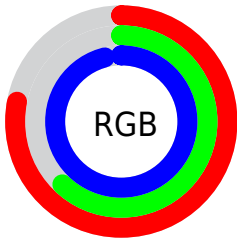
Format	Color
RYB	200, 157, 246
Decimal	13147638
CIELab	71.59, 32.74, -38.56
CIELCh	72, 50.590, 310.334
Yxy	43.0471, 0.2789, 0.2286
Android (android.graphics.Color)	4291337718 (0xFFC89DF6)
YUV	180.0030, 32.5365, 17.5374
Hunter-Lab	65.6103, 28.0437, -37.8701

Details

The XYZ color **52.5109, 43.0471, 92.7301** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.6715, 81.0434, 44.1872**, and the grayscale version is **43.2174, 45.4681, 49.5147**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **25.9139, 19.7970, 50.5995** is the 20% darker color. If you saturate the color by 10%, you get **45.5048, 33.8673, 91.3282**, and if you desaturate by 10%, it is **60.6402, 54.0517, 94.4264**.

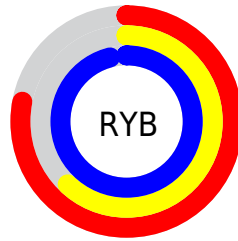
Distribution



Red (78%)

Green (62%)

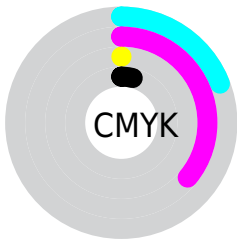
Blue (96%)



Red (78%)

Yellow (62%)

Blue (96%)

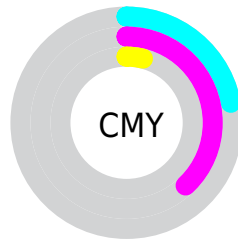


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (22%)


Magenta (38%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5109, 43.0471, 92.7301 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 52.5109, 43.0471, 92.7301 by changing the saturation by 10% instead.


 52.5109, 43.0471,
92.7301


 52.5109, 43.0471,
92.7301


386.6975,
358.8054, 557.6699

 37.6384, 29.9221,
69.6608

 93.0540, 79.7819,
153.0934

 25.8781, 19.7794,
50.7749


 119.4554,
104.1605, 191.2244

 16.8647, 12.2348,
35.6540

150.4304,
133.0591, 235.2130

 10.2327, 6.9038,
23.8796

186.3444,
166.8620, 285.4779

 5.6170, 3.4020,
15.0329

227.5627,
205.9537, 342.4375

 2.6520, 1.3450,
8.6956

274.4508,

 0.9726, 0.1757,

250.7186, 406.5103

4.4491

327.3739,
301.5411, 478.1149

■ 0.0000, 0.0000,
1.8748

■ 0.0000, 0.0000,
0.4766

■ 52.5109, 43.0471,
92.7301

■ 52.5109, 43.0471,
92.7301

■ 45.5048, 33.8673,
91.3282

■ 60.6402, 54.0517,
94.4264

■ 39.5601, 26.4023,
90.2006

■ 69.9413, 66.9719,
96.4301

■ 34.6151, 20.5382,
89.3294

■ 80.4649, 81.8987,
98.7566

■ 30.5990, 16.1443,
88.6929

■ 92.1283, 98.6573,
101.3766

■ 27.4300, 13.0684,
88.2662

■ 93.6347, 99.4339,
101.4471

■ 25.0077, 11.1218,
88.0182

■ 24.2224, 10.5655,
87.9522

Harmonies

Analogous

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



43.9370, 43.0471, 110.1642



52.5109, 43.0471, 92.7301



58.4404, 43.0471, 64.5787

Triad

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



52.5109, 43.0471, 92.7301



46.7038, 43.0471, 15.0345



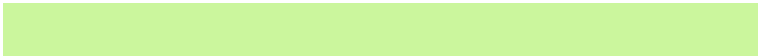
26.7731, 43.0471, 55.8390

Complementary

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



52.5109, 43.0471, 92.7301



63.6715, 81.0434, 44.1872

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.



27.2985, 43.0471, 32.7380



52.5109, 43.0471, 92.7301



38.0348, 43.0471, 14.1240

Square

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



52.5109, 43.0471, 92.7301



54.7776, 43.0471, 22.5150



31.1657, 43.0471, 19.3519



29.6139, 43.0471, 84.4487

Rectangle

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



52.5109, 43.0471, 92.7301



59.6653, 43.0471, 46.5971



31.1657, 43.0471, 19.3519



26.5727, 43.0471, 47.1459

Sweetspot

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



52.5124, 43.0489, 92.7311



81.6113, 80.7441, 105.8915



52.2446, 57.2314, 95.4827



17.1383, 16.8151, 22.5923



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.



52.5124, 43.0489, 92.7311



51.6039, 39.6282, 99.5369



65.6663, 49.8300, 93.3467



16.3432, 16.3196, 20.8312



13.0893, 5.7221, 46.9526



1.2685, 0.5638, 4.1322

Inverse Universe

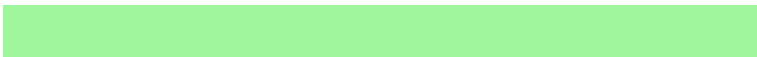
The Inverse Universe completely reimagines the original color for something new.



60.8438, 48.0202, 62.5635



62.0824, 45.8833, 61.4758



53.5335, 75.8171, 43.7127



16.8568, 16.6256, 18.9923



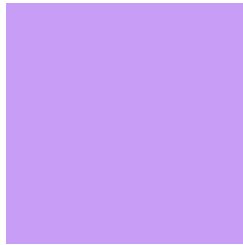
22.4073, 11.3064, 12.1191



2.0213, 1.0145, 1.3387

Previews

White Background



This preview shows how the XYZ color 52.5109, 43.0471, 92.7301 looks on a white background.

Color Contrast Check

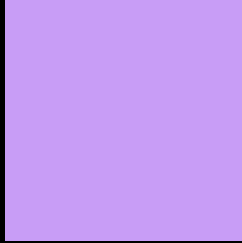
Large Text (above 18pt) WCAG AA × Fail

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 52.5109, 43.0471, 92.7301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

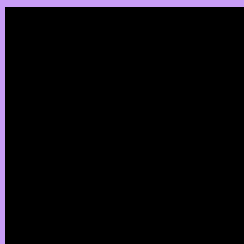
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5109, 43.0471, 92.7301

Background



This preview shows how black text looks on a background with the XYZ color 52.5109, 43.0471, 92.7301.



This preview shows how white text looks on a background with the XYZ color 52.5109, 43.0471,

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

52.5109, 43.0471, 92.7301

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.4477, 43.2282, 90.7953



Tritanopia

43.9082, 42.9872, 50.7829

Trichromacy



Original Color

52.5109, 43.0471, 92.7301



Protanomaly

47.3258, 42.8812, 97.8780



Deuteranomaly

46.9424, 42.8270, 91.3803



Tritanomaly

46.5880, 42.7040, 64.1798

Monochromacy



Original Color

52.5109, 43.0471, 92.7301



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.1451, 44.4295, 63.2704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5109, 43.0471, 92.7301 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, 157, 246)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 246)  
}
```

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, 157, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 246) }
```

Border

The CSS property to change the border of an element to XYZ 52.5109, 43.0471, 92.7301 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, 157, 246) }
```


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

```
.border{ border-color:rgb(200, 157, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 157, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 246);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5109, 43.0471, 92.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 246) }
```

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

```
.background{ background-color: rgb(200,  
157, 246) }
```

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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