

Converting Colors

XYZ(50.4479, 43.2474, 93.6844)

Have a look what the booklet for
XYZ(50.4479, 43.2474, 93.6844)
contains.

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Color

**XYZ(50.4479, 43.2474,
93.6844)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA2F7
RGB	188, 162, 247
RGB Percent	74%, 64%, 97%
CMY	0.2627, 0.3647, 0.0314
CMYK	0.24, 0.34, 0.00, 0.03
HSL	258°, 84%, 80%
HSV	258°, 34%, 97%
XYZ	50.4479, 43.2474, 93.6844
YIQ	179.4640, -11.7890, 31.9470

Conversions

Conversions Part 2

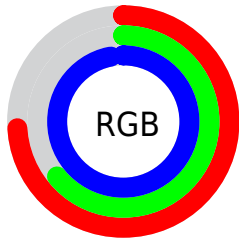
Format	Color
RYB	188, 162, 247
Decimal	12362487
CIELab	71.72, 26.71, -38.98
CIELCh	72, 47.254, 304.425
Yxy	43.2474, 0.2692, 0.2308
Android (android.graphics.Color)	4290552567 (0xFFBCA2F7)
YUV	179.4640, 33.2952, 7.4861
Hunter-Lab	65.7628, 21.8460, -38.4295

Details

The XYZ color **50.4479, 43.2474, 93.6844** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.6021, 84.5032, 46.8264**, and the grayscale version is **42.9288, 45.1644, 49.1841**.

A 20% lighter version of the original color is **80.5190, 76.2582, 105.0832**, and **24.5431, 19.8561, 51.2543** is the 20% darker color. If you saturate the color by 10%, you get **42.5413, 33.3352, 92.1886**, and if you desaturate by 10%, it is **59.7138, 55.1306, 95.4905**.

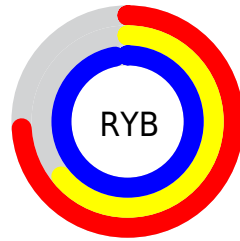
Distribution



Red (74%)

Green (64%)

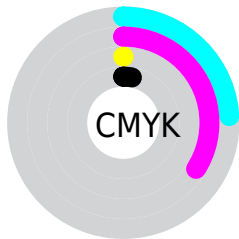
Blue (97%)



Red (74%)

Yellow (64%)

Blue (97%)

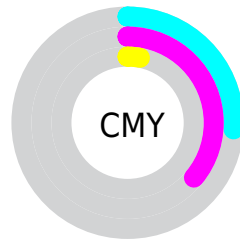


Cyan (24%)

Magenta (34%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (36%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4479, 43.2474, 93.6844 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 50.4479, 43.2474, 93.6844 by changing the saturation by 10% instead.


 50.4479, 43.2474,
93.6844


 50.4479, 43.2474,
93.6844


378.8380,
359.6282, 560.8210

 35.9887, 30.0793,
70.4497


 90.0260, 80.0841,
154.4257

 24.5955, 19.8988,
51.4141


 115.8756,
104.5214, 192.7693

 15.9031, 12.3215,
36.1593


146.2527,
133.4839, 236.9863

 9.5460, 6.9630,
24.2666

181.5226,
167.3560, 287.4953

 5.1589, 3.4390,
15.3175

222.0508,
206.5221, 344.7147

 2.3765, 1.3650,
8.8934

268.2025,

 0.8334, 0.1907,

251.3666, 409.0630

4.5758

320.3431,
302.2738, 480.9590

■ 0.0000, 0.0000,
1.9463

■ 0.0000, 0.0000,
0.5219

■ 50.4479, 43.2474,
93.6844

■ 50.4479, 43.2474,
93.6844

■ 42.5413, 33.3352,
92.1886

■ 59.7138, 55.1306,
95.4905

■ 35.9216, 25.2794,
90.9826

■ 70.3972, 69.0806,
97.6200

■ 30.5165, 18.9611,
90.0479

■ 82.5584, 85.1930,
100.0891

■ 26.2436, 14.2451,
89.3628

■ 93.7886, 99.4955,
102.2578

■ 23.0092, 10.9752,
88.9022

■ 20.7016, 8.9619,
88.6352

■ 19.7339, 8.2338,
88.5456

Harmonies

Analogous

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



42.3060, 43.2474, 106.2252



50.4479, 43.2474, 93.6844



56.6327, 43.2474, 68.8276

Triad

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



50.4479, 43.2474, 93.6844



48.1236, 43.2474, 17.4427



27.5751, 43.2474, 50.5775

Complementary

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



50.4479, 43.2474, 93.6844



69.6021, 84.5032, 46.8264

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.



28.7122, 43.2474, 30.4901



50.4479, 43.2474, 93.6844



39.9276, 43.2474, 15.3683

Square

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



50.4479, 43.2474, 93.6844



55.1730, 43.2474, 26.2849



32.9939, 43.2474, 19.2589



29.6586, 43.2474, 76.7077

Rectangle

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



50.4479, 43.2474, 93.6844



58.4307, 43.2474, 51.5080



32.9939, 43.2474, 19.2589



27.5957, 43.2474, 42.9304

Sweetspot

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



50.4494, 43.2491, 93.6854



81.2332, 81.5920, 106.0751



57.6788, 66.3754, 97.7682



16.9997, 16.9515, 22.6259



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.



50.4494, 43.2491, 93.6854



48.4215, 39.1742, 99.6170



62.3432, 49.3806, 94.2420



16.0579, 16.1725, 20.8178



10.5629, 4.4197, 46.8344



1.0287, 0.4402, 4.1210

Inverse Universe

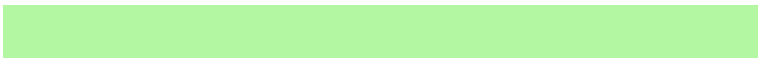
The Inverse Universe completely reimagines the original color for something new.



64.3304, 50.8368, 74.8294



65.5402, 48.5454, 75.7417



58.3740, 78.7149, 46.3009



16.9852, 16.6769, 19.6684



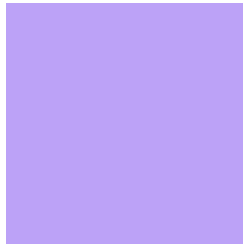
24.2625, 12.0484, 21.8886



2.1781, 1.0772, 2.1645

Previews

White Background



This preview shows how the XYZ color 50.4479, 43.2474, 93.6844 looks on a white background.

Color Contrast Check

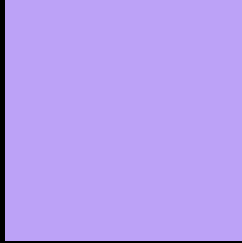
Large Text (above 18pt) WCAG AA × Fail

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 50.4479, 43.2474, 93.6844 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 50.4479, 43.2474, 93.6844

Background



This preview shows how black text looks on a background with the XYZ color 50.4479, 43.2474, 93.6844.



This preview shows how white text looks on a background with the XYZ color 50.4479, 43.2474,

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

50.4479, 43.2474, 93.6844

Protanopia

45.3880, 43.4967, 100.6112

Deuteranopia

44.7544, 43.6370, 92.4502



Tritanopia

42.3446, 43.2501, 53.6932

Trichromacy



Original Color

50.4479, 43.2474, 93.6844

Protanomaly

46.8629, 43.1907, 97.9622

Deuteranomaly

46.7352, 43.5103, 93.1239

Tritanomaly

44.9394, 43.1767, 66.2870

Monochromacy



Original Color

50.4479, 43.2474, 93.6844

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.1341, 44.1919, 63.2778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4479, 43.2474, 93.6844 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(188, 162, 247)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 247)  
}
```

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(188, 162, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 247) }
```

Border

The CSS property to change the border of an element to XYZ 50.4479, 43.2474, 93.6844 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(188, 162, 247) }
```


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

```
.border{ border-color:rgb(188, 162, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 247);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4479, 43.2474, 93.6844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 247) }
```

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

```
.background{ background-color: rgb(188,  
162, 247) }
```

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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