

Converting Colors

XYZ(51.5749, 46.7443, 72.6338)

Have a look what the booklet for
XYZ(51.5749, 46.7443, 72.6338)
contains.

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Color

**XYZ(51.5749, 46.7443,
72.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	CAABDA
RGB	202, 171, 218
RGB Percent	79%, 67%, 85%
CMY	0.2078, 0.3294, 0.1451
CMYK	0.07, 0.22, 0.00, 0.15
HSL	280°, 39%, 76%
HSV	280°, 22%, 85%
XYZ	51.5749, 46.7443, 72.6339
YIQ	185.6270, 3.3890, 21.1890

Conversions

Conversions Part 2

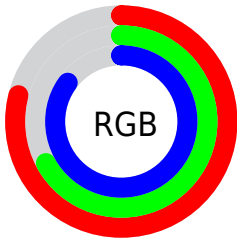
Format	Color
R_{YB}	202, 171, 218
Decimal	13282266
CIE _{Lab}	74.03, 19.78, -19.54
CIE _{LCh}	74, 27.800, 315.355
Yxy	46.7443, 0.3017, 0.2734
Android (android.graphics.Color)	4291472346 (0xFFCAABDA)
YUV	185.6270, 15.9599, 14.3591
Hunter-Lab	68.3698, 15.0047, -15.1289

Details

The XYZ color **51.5749, 46.7443, 72.6339** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.9172, 63.6490, 48.0267**, and the grayscale version is **46.3771, 48.7923, 53.1348**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **25.4204, 22.1339, 37.5828** is the 20% darker color. If you saturate the color by 10%, you get **45.8322, 38.1679, 71.2819**, and if you desaturate by 10%, it is **58.0962, 56.7327, 74.2189**.

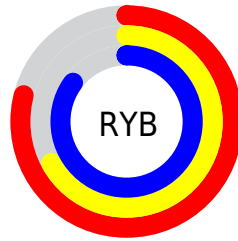
Distribution



Red (79%)

Green (67%)

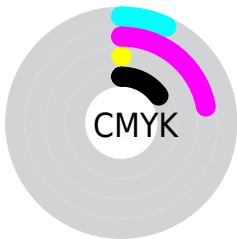
Blue (85%)



Red (79%)

Yellow (67%)

Blue (85%)

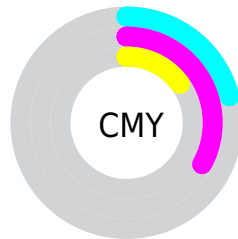


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (21%)


Magenta (33%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5749, 46.7443, 72.6339 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 51.5749, 46.7443, 72.6339 by changing the saturation by 10% instead.


 51.5749, 46.7443,
72.6339

 51.5749, 46.7443,
72.6339


383.1442,
373.7930, 488.7817

 36.8892, 32.8336,
53.1867


 91.6820, 85.3318,
124.6734

 25.2950, 21.9990,
37.5631


117.8341,
110.7774, 158.1028

 16.4269, 13.8561,
25.3445


148.5390,
140.8367, 197.0300

 9.9195, 8.0207,
16.1126

184.1622,
175.8941, 241.8735

 5.4075, 4.1082,
9.4486

225.0690,
216.3341, 293.0519

 2.5255, 1.7343,
4.9342

271.6247,

 0.9081, 0.4457,

262.5409, 350.9837

2.1506

324.1946,
314.8991, 416.0874

■ 0.0000, 0.0000,
0.6457

■ 0.0000, 0.0000,
0.0000

■ 51.5749, 46.7443,
72.6339

■ 51.5749, 46.7443,
72.6339

■ 45.8322, 38.1679,
71.2819

■ 58.0962, 56.7327,
74.2189

■ 40.8291, 30.9302,
70.1486

■ 65.4240, 68.1897,
76.0441

■ 36.5296, 24.9604,
69.2229

■ 73.5902, 81.1761,
78.1203

■ 32.8928, 20.1787,
68.4916

■ 81.5925, 93.6856,
80.1131

■ 29.8729, 16.4957,
67.9399

■ 84.0485, 94.9518,
80.2280

■ 27.4177, 13.8091,
67.5507

■ 86.6075, 96.2710,
80.3478

■ 25.4650, 11.9967,
67.3038

■ 89.2706, 97.6438,
80.4724

■ 24.1193, 10.9720,
67.1769

■ 89.6550, 97.8420,
80.4904

Harmonies

Analogous

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



47.0058, 46.7443, 82.0842



51.5749, 46.7443, 72.6339



54.3228, 46.7443, 58.1287

Triad

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



51.5749, 46.7443, 72.6339



46.8873, 46.7443, 28.7581



35.8426, 46.7443, 58.4868

Complementary

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



51.5749, 46.7443, 72.6339



52.9172, 63.6490, 48.0267

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.



35.8161, 46.7443, 44.2907



51.5749, 46.7443, 72.6339



41.9483, 46.7443, 28.8180

Square

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



51.5749, 46.7443, 72.6339



51.4826, 46.7443, 33.8140



37.9758, 46.7443, 33.9966



38.0511, 46.7443, 72.9378

Rectangle

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



51.5749, 46.7443, 72.6339



54.6304, 46.7443, 48.3870



37.9758, 46.7443, 33.9966



35.5839, 46.7443, 53.4915

Sweetspot

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



51.5764, 46.7463, 72.6349



88.4715, 89.6492, 107.2488



47.3172, 49.4537, 73.3820



18.7889, 18.9577, 22.9189



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.



51.5764, 46.7463, 72.6349



69.6013, 60.7140, 102.6583



55.2293, 48.7338, 68.0918



13.1615, 13.0414, 16.4757



14.5691, 6.6348, 40.2512



1.0346, 0.4766, 2.6119

Inverse Universe

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



52.4475, 47.6211, 53.4433



71.1650, 62.2430, 70.0695



49.9085, 62.0183, 51.4881



13.2381, 13.1243, 14.5148



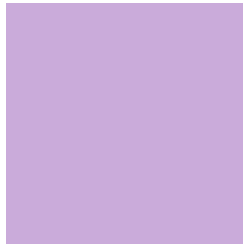
18.1124, 9.2460, 4.9720



1.2130, 0.6148, 0.5304

Previews

White Background



This preview shows how the XYZ color 51.5749, 46.7443, 72.6339 looks on a white background.

Color Contrast Check

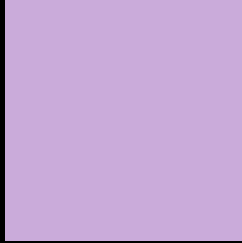
Large Text (above 18pt) WCAG AA × Fail

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 51.5749, 46.7443, 72.6339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

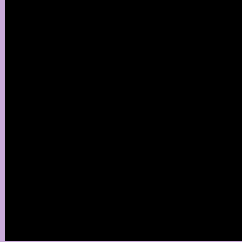
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5749, 46.7443, 72.6339

Background



This preview shows how black text looks on a background with the XYZ color 51.5749, 46.7443, 72.6339.



This preview shows how white text looks on a background with the XYZ color 51.5749, 46.7443,

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

51.5749, 46.7443, 72.6339

Protanopia

46.7891, 46.7950, 77.0873

Deuteranopia

47.9732, 46.9178, 72.1732



Tritanopia

48.1083, 46.7741, 55.2079

Trichromacy



Original Color

51.5749, 46.7443, 72.6339

Protanomaly

48.4354, 46.7855, 75.5849

Deuteranomaly

49.0896, 46.6168, 72.0563

Tritanomaly

49.1146, 46.5843, 61.0466

Monochromacy



Original Color

51.5749, 46.7443, 72.6339

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.4551, 48.3314, 60.2011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5749, 46.7443, 72.6339 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(202, 171, 218)` looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 218)  
}
```

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(202, 171, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 218) }
```

Border

The CSS property to change the border of an element to XYZ 51.5749, 46.7443, 72.6339 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(202, 171, 218) }
```


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

```
.border{ border-color:rgb(202, 171, 218) }
```

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

Here you see how a box with a 4 pixel rgb(202, 171, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 171, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 171, 218);  
box-shadow:4px 4px 4px 4px rgb(202, 171,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5749, 46.7443, 72.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 218) }
```

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

```
.background{ background-color: rgb(202,  
171, 218) }
```

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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