

Converting Colors

XYZ(50.4613, 44.0059, 83.6763)

Have a look what the booklet for
XYZ(50.4613, 44.0059, 83.6763)
contains.

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Color

**XYZ(50.3749, 43.9608,
83.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A4EA
RGB	194, 164, 234
RGB Percent	76%, 64%, 92%
CMY	0.2392, 0.3568, 0.0823
CMYK	0.17, 0.30, 0.00, 0.08
HSL	266°, 62%, 78%
HSV	266°, 30%, 92%
XYZ	50.3749, 43.9608, 83.6721
YIQ	180.9500, -4.5900, 28.1300

Conversions

Conversions Part 2

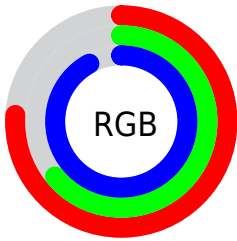
Format	Color
R _Y B	194, 164, 234
Decimal	12756202
CIE Lab	72.20, 24.45, -31.12
CIE LCh	72, 39.575, 308.159
Yxy	43.9608, 0.2830, 0.2470
Android (android.graphics.Color)	4290946282 (0xFFC2A4EA)
YUV	180.9500, 26.1537, 11.4449
Hunter-Lab	66.3029, 19.5886, -28.4099

Details

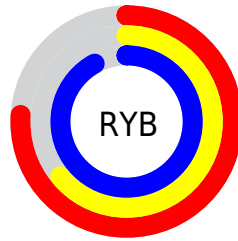
The XYZ color **50.3749, 43.9608, 83.6721** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.0268, 74.3644, 46.2612**, and the grayscale version is **43.7602, 46.0391, 50.1366**.

A 20% lighter version of the original color is **83.1652, 78.3923, 105.3557**, and **24.4775, 20.2917, 44.7461** is the 20% darker color. If you saturate the color by 10%, you get **43.2876, 34.6529, 82.2498**, and if you desaturate by 10%, it is **58.5444, 54.9723, 85.3677**.

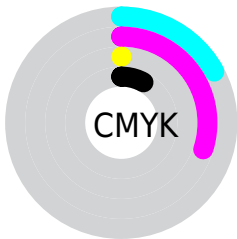
Distribution



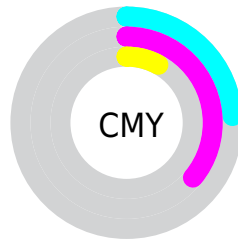
- Red (76%)
- Green (64%)
- Blue (92%)



- Red (76%)
- Yellow (64%)
- Blue (92%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (8%)





- Cyan (24%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3749, 43.9608, 83.6721 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 50.3749, 43.9608, 83.6721 by changing the saturation by 10% instead.

 50.3749, 43.9608,
83.6721


 50.3749, 43.9608,
83.6721


378.5580,
362.5483, 527.2533

 35.9304, 30.6397,
62.2009


 89.9186, 81.1588,
140.3740

 24.5503, 20.3246,
44.7582


 115.7485,
105.8044, 176.4419

 15.8693, 12.6312,
30.9255


146.1042,
134.9937, 218.2124

 9.5220, 7.1751,
20.2841

181.3512,
169.1110, 266.1040

 5.1430, 3.5719,
12.4156

221.8547,
208.5407, 320.5354

 2.3670, 1.4371,
6.9014

267.9801,

 0.8286, 0.2438,

253.6672, 381.9251

3.3230

320.0927,
304.8749, 450.6915

■ 0.0000, 0.0000,
1.2618

■ 0.0000, 0.0000,
0.0302

■ 50.3749, 43.9608,
83.6721

■ 50.3749, 43.9608,
83.6721

■ 43.2876, 34.6529,
82.2498

■ 58.5444, 54.9723,
85.3677

■ 37.2277, 26.9545,
81.0832

■ 67.8385, 67.7641,
87.3469

■ 32.1417, 20.7701,
80.1576

■ 78.3026, 82.4149,
89.6233

■ 27.9693, 15.9920,
79.4552

■ 89.1418, 97.3237,
91.9297

■ 24.6420, 12.4970,
78.9560

■ 91.8514, 98.7206,
92.0565

■ 22.0799, 10.1398,
78.6360

■ 20.1537, 8.6772,
78.4552

■ 20.1385, 8.6662,
78.4539

Harmonies

Analogous

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



43.6627, 43.9608, 95.2043



50.3749, 43.9608, 83.6721



55.1031, 43.9608, 63.1579

Triad

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



50.3749, 43.9608, 83.6721



46.8282, 43.9608, 20.8830



30.1524, 43.9608, 53.3676

Complementary

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



50.3749, 43.9608, 83.6721



61.0268, 74.3644, 46.2612

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.



30.8043, 43.9608, 35.2658



50.3749, 43.9608, 83.6721



39.9588, 43.9608, 19.5855

Square

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



50.3749, 43.9608, 83.6721



52.9060, 43.9608, 28.2906



34.2289, 43.9608, 24.0848



32.3404, 43.9608, 74.8657

Rectangle

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



50.3749, 43.9608, 83.6721



56.2289, 43.9608, 49.0764



34.2289, 43.9608, 24.0848



30.0516, 43.9608, 46.6753

Sweetspot

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



50.3764, 43.9626, 83.6731



83.4994, 83.8184, 106.3854



51.9541, 57.4175, 86.1870



17.4963, 17.4183, 22.6899



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.



50.3764, 43.9626, 83.6731



55.6869, 46.1178, 100.5744



60.1758, 49.0144, 84.1317



14.8433, 14.8645, 19.0091



11.4542, 4.9408, 44.0929



1.0075, 0.4437, 3.4674

Inverse Universe

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



58.1076, 48.4047, 63.4088



66.7232, 52.4656, 71.3441



52.6667, 70.0545, 45.8700



15.4262, 15.1983, 17.5295



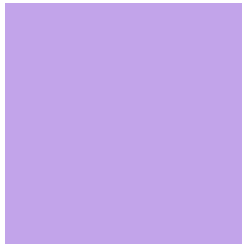
21.5390, 10.8183, 13.9057



1.7394, 0.8687, 1.3449

Previews

White Background



This preview shows how the XYZ color 50.3749, 43.9608, 83.6721 looks on a white background.

Color Contrast Check

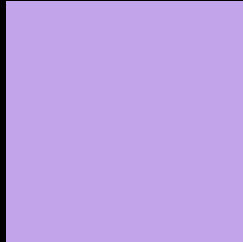
Large Text (above 18pt) WCAG AA × Fail

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 50.3749, 43.9608, 83.6721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

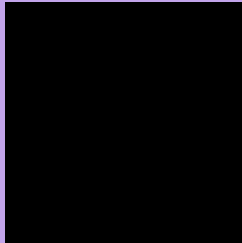
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3749, 43.9608, 83.6721

Background



This preview shows how black text looks on a background with the XYZ color 50.3749, 43.9608, 83.6721.



This preview shows how white text looks on a background with the XYZ color 50.3749, 43.9608,

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

50.3749, 43.9608, 83.6721

Protanopia

45.2616, 44.2388, 90.1578

Deuteranopia

45.2186, 44.0976, 82.4723



Tritanopia

44.1629, 43.9141, 53.1623

Trichromacy



Original Color

50.3749, 43.9608, 83.6721

Protanomaly

46.7205, 43.9039, 87.6732

Deuteranomaly

46.9872, 43.8627, 83.0807

Tritanomaly

46.2601, 43.9279, 63.1675

Monochromacy



Original Color

50.3749, 43.9608, 83.6721

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.0050, 45.2692, 60.9567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3749, 43.9608, 83.6721 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(194, 164, 234)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 234)  
}
```

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(194, 164, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 234) }
```

Border

The CSS property to change the border of an element to XYZ 50.3749, 43.9608, 83.6721 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(194, 164, 234) }
```


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

```
.border{ border-color:rgb(194, 164, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 164, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 234);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3749, 43.9608, 83.6721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 164, 234) }
```

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

```
.background{ background-color: rgb(194,  
164, 234) }
```

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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