

Converting Colors

XYZ(50.6164, 43.6399, 79.8843)

Have a look what the booklet for
XYZ(50.6164, 43.6399, 79.8843)
contains.

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Color

**XYZ(50.6164, 43.6399,
79.8843)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A2E5
RGB	199, 162, 229
RGB Percent	78%, 64%, 90%
CMY	0.2196, 0.3647, 0.1020
CMYK	0.13, 0.29, 0.00, 0.10
HSL	273°, 56%, 77%
HSV	273°, 29%, 90%
XYZ	50.6164, 43.6399, 79.8843
YIQ	180.7010, 0.5450, 28.6810

Conversions

Conversions Part 2

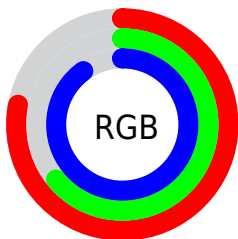
Format	Color
R _{YB}	199, 162, 229
Decimal	13083365
CIE _{Lab}	71.99, 26.02, -28.68
CIE _{LCh}	72, 38.729, 312.219
Yxy	43.6399, 0.2907, 0.2506
Android (android.graphics.Color)	4291273445 (0xFFC7A2E5)
YUV	180.7010, 23.8114, 16.0482
Hunter-Lab	66.0605, 21.1631, -25.4547

Details

The XYZ color **50.6164, 43.6399, 79.8843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.2804, 69.8547, 44.7013**, and the grayscale version is **43.6362, 45.9087, 49.9946**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **24.6204, 20.0983, 42.1169** is the 20% darker color. If you saturate the color by 10%, you get **44.3146, 34.9392, 78.5377**, and if you desaturate by 10%, it is **57.8389, 53.9077, 81.4862**.

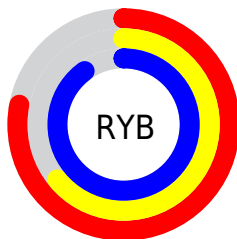
Distribution



Red (78%)

Green (64%)

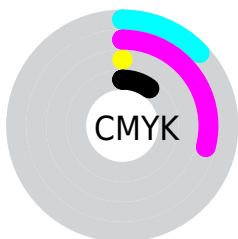
Blue (90%)



Red (78%)

Yellow (64%)

Blue (90%)

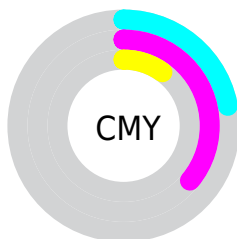


Cyan (13%)

Magenta (29%)

Yellow (0%)

Black (10%)



Cyan (22%)


Magenta (36%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6164, 43.6399, 79.8843 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 50.6164, 43.6399, 79.8843 by changing the saturation by 10% instead.


 50.6164, 43.6399,
79.8843


 50.6164, 43.6399,
79.8843


379.4838,
361.2368, 514.2393

 36.1232, 30.3875,
59.0975


 90.2739, 80.6756,
135.0130

 24.6999, 20.1329,
42.2711


 116.1689,
105.2277, 170.1920

 15.9812, 12.4917,
28.9865


146.5952,
134.3152, 211.0055

 9.6016, 7.0795,
18.8251

181.9181,
168.3224, 257.8720

 5.1958, 3.5119,
11.3684

222.5031,
207.6338, 311.2101

 2.3986, 1.4044,
6.1979

268.7155,

 0.8444, 0.2200,

252.6337, 371.4383

2.8951

320.9206,
303.7066, 438.9752

■ 0.0000, 0.0000,
1.0413

■ 0.0000, 0.0000,
0.0000

■ 50.6164, 43.6399,
79.8843

■ 50.6164, 43.6399,
79.8843

■ 44.3146, 34.9392,
78.5377

■ 57.8389, 53.9077,
81.4862

■ 38.8857, 27.7186,
77.4302

■ 66.0182, 65.8128,
83.3530

■ 34.2838, 21.8906,
76.5478

■ 75.1936, 79.4276,
85.4974

■ 30.4565, 17.3560,
75.8742

■ 85.4005, 94.8183,
87.9301

■ 27.3443, 14.0018,
75.3908

■ 89.4246, 97.5513,
88.2455

■ 24.8775, 11.6946,
75.0755

■ 91.1430, 98.4372,
88.3260

■ 22.9475, 10.2235,
74.8933

■ 22.8156, 10.1281,
74.8818

Harmonies

Analogous

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



44.2264, 43.6399, 92.6964



50.6164, 43.6399, 79.8843



54.7931, 43.6399, 59.5187

Triad

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



50.6164, 43.6399, 79.8843



45.4812, 43.6399, 20.6045



30.2575, 43.6399, 55.6424

Complementary

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



50.6164, 43.6399, 79.8843



56.2804, 69.8547, 44.7013

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.



30.5169, 43.6399, 37.2470



50.6164, 43.6399, 79.8843



38.8467, 43.6399, 20.0853

Square

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



50.6164, 43.6399, 79.8843



51.6186, 43.6399, 27.0175



33.5123, 43.6399, 25.3397



32.7616, 43.6399, 76.4055

Rectangle

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



50.6164, 43.6399, 79.8843



55.5156, 43.6399, 46.1213



33.5123, 43.6399, 25.3397



30.0325, 43.6399, 48.9394

Sweetspot

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



50.6178, 43.6417, 79.8853



84.4806, 84.3242, 106.4313



47.9273, 51.1054, 81.4677



17.7378, 17.5428, 22.7012



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.



50.6178, 43.6417, 79.8853



59.6761, 48.8543, 100.8923



58.9141, 47.9721, 77.8552



14.3400, 14.2775, 18.1444



13.1854, 5.8632, 42.8199



1.0809, 0.4882, 3.1692

Inverse Universe

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



54.7492, 46.3062, 55.9232



65.9365, 52.8839, 64.9421



49.7445, 66.4505, 45.9709



14.6439, 14.4747, 16.3250



19.9203, 10.1023, 8.4750



1.5183, 0.7650, 0.8697

Previews

White Background



This preview shows how the XYZ color 50.6164, 43.6399, 79.8843 looks on a white background.

Color Contrast Check

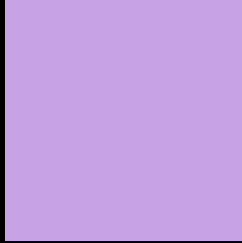
Large Text (above 18pt) WCAG AA × Fail

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 50.6164, 43.6399, 79.8843 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 50.6164, 43.6399, 79.8843

Background



This preview shows how black text looks on a background with the XYZ color 50.6164, 43.6399, 79.8843.



This preview shows how white text looks on a background with the XYZ color 50.6164, 43.6399,

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

50.6164, 43.6399, 79.8843

Protanopia

44.6692, 43.7143, 86.9723

Deuteranopia

44.7450, 43.6487, 78.7398



Tritanopia

44.9529, 43.7930, 51.4310

Trichromacy



Original Color

50.6164, 43.6399, 79.8843

Protanomaly

46.6037, 43.6318, 84.5628

Deuteranomaly

46.7820, 43.5611, 79.3412

Tritanomaly

46.9336, 43.7775, 60.6198

Monochromacy



Original Color

50.6164, 43.6399, 79.8843

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.0681, 45.0407, 59.6918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6164, 43.6399, 79.8843 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(199, 162, 229)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 229)  
}
```

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(199, 162, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 229) }
```

Border

The CSS property to change the border of an element to XYZ 50.6164, 43.6399, 79.8843 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(199, 162, 229) }
```


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

```
.border{ border-color:rgb(199, 162, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 162, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 162, 229); box-shadow:4px 4px 4px 4px rgb(199, 162, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6164, 43.6399, 79.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 162, 229) }
```

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

```
.background{ background-color: rgb(199,  
162, 229) }
```

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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