

Converting Colors

XYZ(43.2419, 33.3531, 48.9584)

Have a look what the booklet for
XYZ(43.2419, 33.3531, 48.9584)
contains.

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Color

**XYZ(43.2419, 33.3531,
48.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	D283B7
RGB	210, 131, 183
RGB Percent	82%, 51%, 72%
CMY	0.1765, 0.4863, 0.2824
CMYK	0.00, 0.38, 0.13, 0.18
HSL	321°, 47%, 67%
HSV	321°, 38%, 82%
XYZ	43.2419, 33.3531, 48.9584
YIQ	160.5490, 30.3920, 32.9200

Conversions

Conversions Part 2

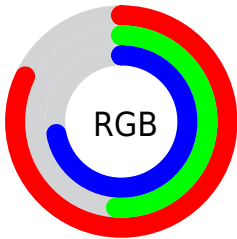
Format	Color
R _Y B	210, 131, 183
Decimal	13796279
CIE Lab	64.45, 37.81, -14.52
CIE LCh	64, 40.499, 338.988
Yxy	33.3531, 0.3444, 0.2656
Android (android.graphics.Color)	4291986359 (0xFFD283B7)
YUV	160.5490, 11.0683, 43.3685
Hunter-Lab	57.7521, 32.5856, -9.8356

Details

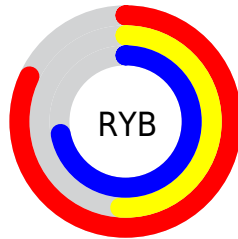
The XYZ color **43.2419, 33.3531, 48.9584** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.5797, 53.3882, 40.6217**, and the grayscale version is **33.6086, 35.3588, 38.5058**.

A 20% lighter version of the original color is **74.1689, 62.1899, 89.7561**, and **20.2244, 14.2191, 22.7977** is the 20% darker color. If you saturate the color by 10%, you get **39.9740, 27.9823, 44.2768**, and if you desaturate by 10%, it is **47.1215, 39.8854, 54.0326**.

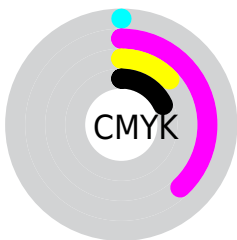
Distribution



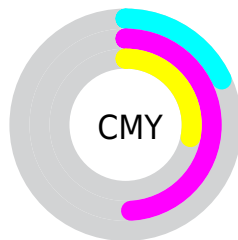
- Red (82%)
- Green (51%)
- Blue (72%)



- Red (82%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2419, 33.3531, 48.9584 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 43.2419, 33.3531, 48.9584 by changing the saturation by 10% instead.


 43.2419, 33.3531,
48.9584

 43.2419, 33.3531,
48.9584

350.5103,
317.2378, 399.1963


 30.2703, 22.3971,
34.2211

 79.3292, 64.9264,
90.0100

 20.1929, 14.1490,
22.7848


 103.1756, 86.3125,
117.1614

 12.6444, 8.2243,
14.2309


 131.3777,
111.9441, 149.2879

 7.2595, 4.2388,
8.1408

164.3008,
142.2055, 186.8081

 3.6727, 1.8080,
4.0961

202.3102,
177.4812, 230.1405

 1.5187, 0.4922,
1.6782

245.7714,

 0.3385, 0.0000,

218.1555, 279.7036

0.3457

295.0496,
264.6130, 335.9161

■ 0.0000, 0.0000,
0.0000

■ 43.2419, 33.3531,
48.9584

■ 43.2419, 33.3531,
48.9584

■ 39.9740, 27.9823,
44.2768

■ 47.1215, 39.8854,
54.0326

■ 37.2796, 23.6986,
39.9712

■ 51.6421, 47.6385,
59.5108

■ 35.1204, 20.4263,
36.0265

■ 56.8348, 56.6730,
65.4064

■ 33.4522, 18.0779,
32.4249

■ 62.7277, 67.0443,
71.7314

■ 32.2234, 16.5509,
29.1463

■ 69.3472, 78.8045,
78.4971

■ 31.3618, 15.7019,
26.1635

■ 76.0753, 90.7164,
85.5000

■ 31.1823, 15.5433,
25.4866

■ 77.0816, 91.1190,
90.7991

■ 78.1296, 91.5382,
96.3180

■ 79.2199, 91.9743,
102.0593

Harmonies

Analogous

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



39.2157, 33.3531, 67.0790



43.2419, 33.3531, 48.9584



43.9868, 33.3531, 31.5693

Triad

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



43.2419, 33.3531, 48.9584



29.9973, 33.3531, 13.0856



23.8274, 33.3531, 60.2324

Complementary

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



43.2419, 33.3531, 48.9584



38.5797, 53.3882, 40.6217

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.



21.9468, 33.3531, 41.5158



43.2419, 33.3531, 48.9584



25.2136, 33.3531, 16.7766

Square

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



43.2419, 33.3531, 48.9584



35.8531, 33.3531, 13.9785



22.4214, 33.3531, 26.0618



27.8827, 33.3531, 74.8423

Rectangle

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



43.2419, 33.3531, 48.9584



42.4438, 33.3531, 22.9778



22.4214, 33.3531, 26.0618



22.9438, 33.3531, 54.0171

Sweetspot

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



43.2429, 33.3546, 48.9591



85.2399, 82.7886, 98.2041



33.7204, 28.0892, 64.6179



18.0059, 17.3041, 20.7497



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.



43.2429, 33.3546, 48.9591



63.0208, 45.0358, 70.1875



39.7427, 31.9546, 30.5273



12.1319, 11.9375, 13.9706



19.0693, 9.5006, 15.8032



1.1026, 0.5458, 1.0754

Inverse Universe

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



43.2429, 33.3546, 48.9591



63.0208, 45.0358, 70.1875



42.4668, 54.9430, 61.0911



12.1319, 11.9375, 13.9706



19.0693, 9.5006, 15.8032



1.1026, 0.5458, 1.0754

Previews

White Background



This preview shows how the XYZ color 43.2419, 33.3531, 48.9584 looks on a white background.

Color Contrast Check

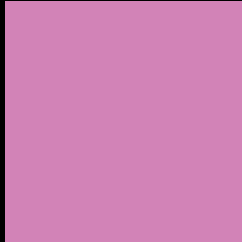
Large Text (above 18pt) WCAG AA × Fail

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 43.2419, 33.3531, 48.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

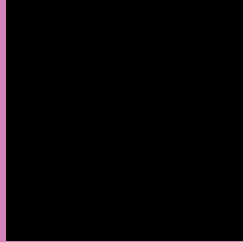
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2419, 33.3531, 48.9584

Background



This preview shows how black text looks on a background with the XYZ color 43.2419, 33.3531, 48.9584.



This preview shows how white text looks on a background with the XYZ color 43.2419, 33.3531,

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

43.2419, 33.3531, 48.9584

Protanopia

33.7072, 33.5860, 58.7390

Deuteranopia

34.2259, 33.6142, 47.3321



Tritanopia

39.8874, 33.4369, 32.3686

Trichromacy



Original Color

43.2419, 33.3531, 48.9584

Protanomaly

36.2667, 32.8430, 54.8800

Deuteranomaly

36.9540, 33.1298, 47.6270

Tritanomaly

40.8291, 33.1666, 37.9681

Monochromacy



Original Color

43.2419, 33.3531, 48.9584

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.6582, 34.2610, 42.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2419, 33.3531, 48.9584 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(210, 131, 183)` looks like.

```
.text, #text, p{  
    color:rgb(210, 131, 183)  
}
```

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(210, 131, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 131, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.2419, 33.3531, 48.9584 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(210, 131, 183) }
```


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

```
.border{ border-color:rgb(210, 131, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 131, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 131, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 131, 183);  
box-shadow:4px 4px 4px 4px rgb(210, 131,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2419, 33.3531, 48.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 131, 183) }
```

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

```
.background{ background-color: rgb(210,  
131, 183) }
```

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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