

Converting Colors

XYZ(50.6642, 43.3329, 64.2685)

Have a look what the booklet for
XYZ(50.6642, 43.3329, 64.2685)
contains.

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Color

**XYZ(50.6901, 43.2496,
64.0689)**

Conversions

Conversions Part 1

Format	Color
Hex	D49FCE
RGB	212, 159, 206
RGB Percent	83%, 62%, 81%
CMY	0.1686, 0.3765, 0.1922
CMYK	0.00, 0.25, 0.03, 0.17
HSL	307°, 38%, 73%
HSV	307°, 25%, 83%
XYZ	50.6901, 43.2496, 64.0689
YIQ	180.2050, 16.5010, 25.8530

Conversions

Conversions Part 2

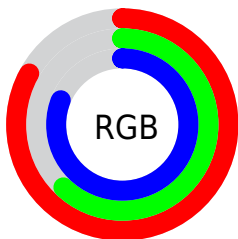
Format	Color
R _Y B	212, 159, 206
Decimal	13934542
CIE Lab	71.72, 27.35, -16.35
CIE LCh	72, 31.867, 329.140
Yxy	43.2496, 0.3208, 0.2737
Android (android.graphics.Color)	4292124622 (0xFFD49FCE)
YUV	180.2050, 12.7169, 27.8842
Hunter-Lab	65.7644, 22.4970, -11.7263

Details

The XYZ color **50.6901, 43.2496, 64.0689** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.6348, 57.1758, 44.2833**, and the grayscale version is **43.4213, 45.6826, 49.7483**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **24.8298, 19.9505, 32.2479** is the 20% darker color. If you saturate the color by 10%, you get **47.0635, 36.4587, 61.4327**, and if you desaturate by 10%, it is **54.9490, 51.2965, 66.9388**.

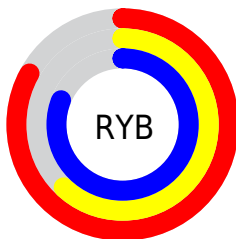
Distribution



Red (83%)

Green (62%)

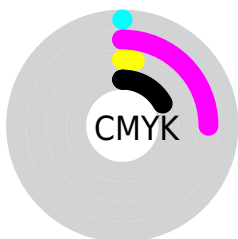
Blue (81%)



Red (83%)

Yellow (62%)

Blue (81%)

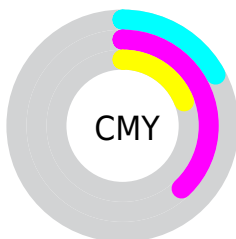


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (17%)



Cyan (17%)


Magenta (38%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6901, 43.2496, 64.0689 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 50.6901, 43.2496, 64.0689 by changing the saturation by 10% instead.


 50.6901, 43.2496,
64.0689


 50.6901, 43.2496,
64.0689


379.7661,
359.6372, 457.6527

 36.1821, 30.0810,
46.2599


 90.3822, 80.0874,
112.3106

 24.7456, 19.9001,
32.1008


 116.2971,
104.5254, 143.5804

 16.0153, 12.3224,
21.1731


146.7449,
133.4886, 180.1742

 9.6259, 6.9637,
13.0581

182.0910,
167.3614, 222.5106

 5.2120, 3.4394,
7.3374

222.7009,
206.5283, 271.0081

 2.4082, 1.3652,
3.5923

268.9398,

 0.8492, 0.1909,

251.3737, 326.0853

1.4045

321.1730,
302.2819, 388.1606

■ 0.0000, 0.0000,
0.1452

■ 0.0000, 0.0000,
0.0000

■ 50.6901, 43.2496,
64.0689

■ 50.6901, 43.2496,
64.0689

■ 47.0635, 36.4587,
61.4327

■ 54.9490, 51.2965,
66.9388

■ 44.0333, 30.8544,
59.0168

■ 59.8660, 60.6529,
70.0495

■ 41.5661, 26.3690,
56.8103

■ 65.4699, 71.3763,
73.4115

■ 39.6236, 22.9259,
54.8004

■ 71.7872, 83.5189,
77.0335

■ 38.1626, 20.4389,
52.9725

■ 75.5669, 90.5793,
79.8320

■ 37.1331, 18.8078,
51.3100

■ 75.8834, 90.7059,
81.4985

■ 36.4739, 17.9104,
49.7923

■ 76.2044, 90.8343,
83.1891

■ 36.2287, 17.6280,
49.0693

■ 76.5300, 90.9646,
84.9038

■ 76.8603, 91.0966,
86.6428

Harmonies

Analogous

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



46.3788, 43.2496, 78.1671



50.6901, 43.2496, 64.0689



52.3997, 43.2496, 47.5398

Triad

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



50.6901, 43.2496, 64.0689



41.2637, 43.2496, 23.1592



32.6815, 43.2496, 63.1231

Complementary

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



50.6901, 43.2496, 64.0689



44.6348, 57.1758, 44.2833

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.



31.5666, 43.2496, 46.6459



50.6901, 43.2496, 64.0689



36.2515, 43.2496, 25.5843

Square

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



50.6901, 43.2496, 64.0689



46.6724, 43.2496, 25.8831



32.8157, 43.2496, 33.4141



36.0035, 43.2496, 77.5422

Rectangle

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



50.6901, 43.2496, 64.0689



51.7285, 43.2496, 37.9910



32.8157, 43.2496, 33.4141



32.0498, 43.2496, 57.5403

Sweetspot

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



50.6914, 43.2515, 64.0698



89.2939, 89.0058, 105.3845



39.6556, 37.4765, 67.4317



19.0116, 18.8584, 22.4937



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.



50.6914, 43.2515, 64.0698



73.9467, 59.9748, 95.1405



47.8097, 42.0988, 48.8948



12.8896, 12.6074, 15.3591



22.3891, 10.8920, 30.4167



1.3680, 0.6640, 1.9274

Inverse Universe

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



50.6914, 43.2515, 64.0698



73.9467, 59.9748, 95.1405



47.2251, 58.2119, 57.9235



12.8896, 12.6074, 15.3591



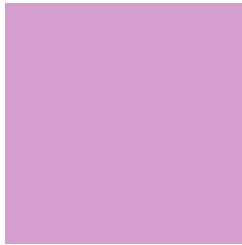
22.3891, 10.8920, 30.4167



1.3680, 0.6640, 1.9274

Previews

White Background



This preview shows how the XYZ color 50.6901, 43.2496, 64.0689 looks on a white background.

Color Contrast Check

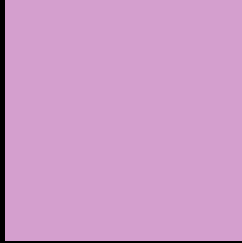
Large Text (above 18pt) WCAG AA × Fail

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 50.6901, 43.2496, 64.0689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

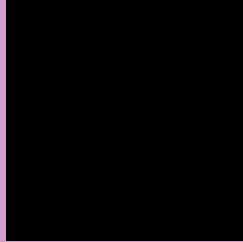
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6901, 43.2496, 64.0689

Background



This preview shows how black text looks on a background with the XYZ color 50.6901, 43.2496, 64.0689.



This preview shows how white text looks on a background with the XYZ color 50.6901, 43.2496,

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

50.6901, 43.2496, 64.0689

Protanopia

43.2566, 43.3370, 71.0507

Deuteranopia

44.4740, 43.5680, 63.1922



Tritanopia

47.2237, 43.1351, 47.4319

Trichromacy



Original Color

50.6901, 43.2496, 64.0689

Protanomaly

45.6001, 43.1967, 68.2218

Deuteranomaly

46.5764, 43.2517, 63.6512

Tritanomaly

48.2919, 43.0268, 53.3367

Monochromacy



Original Color

50.6901, 43.2496, 64.0689

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.6761, 44.3856, 54.3040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6901, 43.2496, 64.0689 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(212, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 159, 206)  
}
```

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(212, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 159, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.6901, 43.2496, 64.0689 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(212, 159, 206) }
```


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

```
.border{ border-color:rgb(212, 159, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 159,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6901, 43.2496, 64.0689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 159, 206) }
```

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

```
.background{ background-color: rgb(212,  
159, 206) }
```

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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