

Converting Colors

XYZ(50.8105, 43.7223, 61.9823)

Have a look what the booklet for
XYZ(50.8105, 43.7223, 61.9823)
contains.

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Color

**XYZ(50.7909, 43.5995,
62.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A0CB
RGB	213, 160, 203
RGB Percent	84%, 63%, 80%
CMY	0.1647, 0.3725, 0.2039
CMYK	0.00, 0.25, 0.05, 0.16
HSL	311°, 39%, 73%
HSV	311°, 25%, 84%
XYZ	50.7909, 43.5995, 62.2385
YIQ	180.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

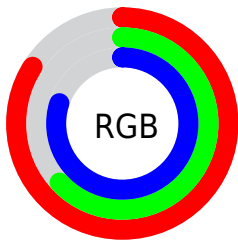
Format	Color
R _Y B	213, 160, 203
Decimal	14000331
CIE Lab	71.96, 26.61, -14.33
CIE LCh	72, 30.219, 331.697
Yxy	43.5995, 0.3243, 0.2784
Android (android.graphics.Color)	4292190411 (0xFFD5A0CB)
YUV	180.7490, 10.9697, 28.2841
Hunter-Lab	66.0299, 21.7517, -9.6646

Details

The XYZ color **50.7909, 43.5995, 62.2385** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.5489, 57.9657, 46.8206**, and the grayscale version is **43.7225, 45.9995, 50.0934**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **24.8879, 20.1642, 31.0141** is the 20% darker color. If you saturate the color by 10%, you get **46.9376, 36.6488, 58.6217**, and if you desaturate by 10%, it is **55.2919, 51.8242, 66.1334**.

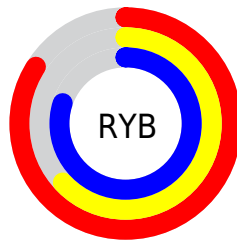
Distribution



Red (84%)

Green (63%)

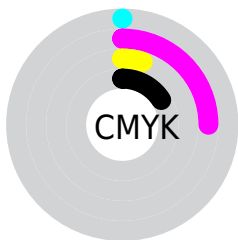
Blue (80%)



Red (84%)

Yellow (63%)

Blue (80%)

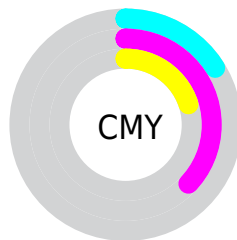


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7909, 43.5995, 62.2385 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 50.7909, 43.5995, 62.2385 by changing the saturation by 10% instead.


 50.7909, 43.5995,
62.2385


 50.7909, 43.5995,
62.2385


380.1519,
361.0714, 450.8322

 36.2626, 30.3558,
44.7884

 90.5304, 80.6147,
109.6451

 24.8081, 20.1088,
30.9491


 116.4724,
105.1551, 140.4387

 16.0621, 12.4741,
20.3019


146.9496,
134.2297, 176.5172

 9.6592, 7.0675,
12.4285

182.3274,
168.2230, 218.2991

 5.2341, 3.5043,
6.9101

222.9712,
207.5195, 266.2030

 2.4215, 1.4004,
3.3284

269.2463,

 0.8558, 0.2170,

252.5034, 320.6475

1.2646

321.5181,
303.5593, 382.0510

■ 0.0000, 0.0000,
0.0325

■ 0.0000, 0.0000,
0.0000

■ 50.7909, 43.5995,
62.2385

■ 50.7909, 43.5995,
62.2385

■ 46.9376, 36.6488,
58.6217

■ 55.2919, 51.8242,
66.1334

■ 43.6956, 30.9018,
55.2691

■ 60.4666, 61.3770,
70.3141

■ 41.0311, 26.2902,
52.1693

■ 66.3445, 72.3160,
74.7913

■ 38.9053, 22.7366,
49.3090

■ 72.9520, 84.6940,
79.5744

■ 37.2745, 20.1537,
46.6731

■ 76.5334, 90.9993,
83.4119

■ 36.0881, 18.4404,
44.2443

■ 77.0822, 91.2189,
86.3020

■ 35.2842, 17.4734,
42.0014

■ 77.6440, 91.4436,
89.2603

■ 34.9653, 17.1561,
40.9066

■ 78.2189, 91.6735,
92.2872

■ 78.8068, 91.9087,
95.3834

Harmonies

Analogous

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



46.8676, 43.5995, 75.9425



50.7909, 43.5995, 62.2385



52.1546, 43.5995, 46.6368

Triad

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



50.7909, 43.5995, 62.2385



41.1472, 43.5995, 24.3813



33.5680, 43.5995, 63.9990

Complementary

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



50.7909, 43.5995, 62.2385



45.5489, 57.9657, 46.8206

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.



32.3036, 43.5995, 48.3181



50.7909, 43.5995, 62.2385



36.4486, 43.5995, 27.1895

Square

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



50.7909, 43.5995, 62.2385



46.3178, 43.5995, 26.6138



33.3136, 43.5995, 35.2487



36.9173, 43.5995, 77.0981

Rectangle

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



50.7909, 43.5995, 62.2385



51.3455, 43.5995, 37.7348



33.3136, 43.5995, 35.2487



32.8982, 43.5995, 58.7559

Sweetspot

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



50.7922, 43.6014, 62.2394



89.0800, 88.9202, 104.2581



41.0993, 38.4624, 68.2095



18.9619, 18.8385, 22.2321



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.



50.7922, 43.6014, 62.2394



73.0723, 59.6250, 90.5359



47.9272, 42.4554, 47.1524



12.8478, 12.5906, 15.1390



21.3937, 10.4938, 25.1752



1.3169, 0.6436, 1.6582

Inverse Universe

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



50.7922, 43.6014, 62.2394



73.0723, 59.6250, 90.5359



48.2815, 59.0588, 61.2102



12.8478, 12.5906, 15.1390



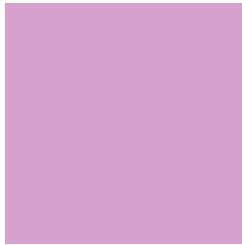
21.3937, 10.4938, 25.1752



1.3169, 0.6436, 1.6582

Previews

White Background



This preview shows how the XYZ color 50.7909, 43.5995, 62.2385 looks on a white background.

Color Contrast Check

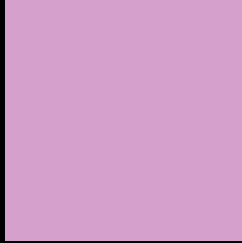
Large Text (above 18pt) WCAG AA × Fail

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 50.7909, 43.5995, 62.2385 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 50.7909, 43.5995, 62.2385

Background



This preview shows how black text looks on a background with the XYZ color 50.7909, 43.5995, 62.2385.



This preview shows how white text looks on a background with the XYZ color 50.7909, 43.5995,

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

50.7909, 43.5995, 62.2385

Protanopia

43.4887, 43.7889, 69.1108

Deuteranopia

44.5865, 43.6672, 61.3370



Tritanopia

47.9693, 43.7862, 47.5183

Trichromacy



Original Color

50.7909, 43.5995, 62.2385

Protanomaly

45.6505, 43.5432, 66.3202

Deuteranomaly

46.6556, 43.6070, 61.8351

Tritanomaly

48.8241, 43.5884, 52.2945

Monochromacy



Original Color

50.7909, 43.5995, 62.2385

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.1212, 44.8987, 54.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7909, 43.5995, 62.2385 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(213, 160, 203)` looks like.

```
.text, #text, p{  
    color:rgb(213, 160, 203)  
}
```

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(213, 160, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 160, 203) }
```

Border

The CSS property to change the border of an element to XYZ 50.7909, 43.5995, 62.2385 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(213, 160, 203) }
```


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

```
.border{ border-color:rgb(213, 160, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 160, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 160, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 160, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 160,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7909, 43.5995, 62.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 160, 203) }
```

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

```
.background{ background-color: rgb(213,  
160, 203) }
```

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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