

Converting Colors

XYZ(50.8457, 39.5342, 62.0777)

Have a look what the booklet for
XYZ(50.8457, 39.5342, 62.0777)
contains.

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Color

**XYZ(50.8457, 39.5342,
62.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8FCC
RGB	222, 143, 204
RGB Percent	87%, 56%, 80%
CMY	0.1294, 0.4392, 0.2000
CMYK	0.00, 0.36, 0.08, 0.13
HSL	314°, 54%, 72%
HSV	314°, 36%, 87%
XYZ	50.8457, 39.5342, 62.0777
YIQ	173.5750, 27.5030, 35.7190

Conversions

Conversions Part 2

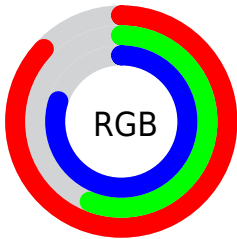
Format	Color
R _Y B	222, 143, 204
Decimal	14585804
CIE Lab	69.14, 38.92, -19.05
CIE LCh	69, 43.336, 333.918
Yxy	39.5342, 0.3335, 0.2593
Android (android.graphics.Color)	4292775884 (0xFFDE8FCC)
YUV	173.5750, 14.9995, 42.4687
Hunter-Lab	62.8762, 34.3130, -14.5237

Details

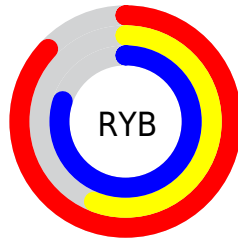
The XYZ color **50.8457, 39.5342, 62.0777** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.8837, 60.6565, 43.1158**, and the grayscale version is **39.9311, 42.0107, 45.7496**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **24.9720, 17.7912, 30.9720** is the 20% darker color. If you saturate the color by 10%, you get **47.2403, 33.2781, 57.9311**, and if you desaturate by 10%, it is **55.1327, 47.1206, 66.5495**.

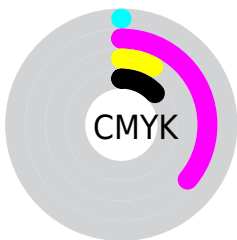
Distribution



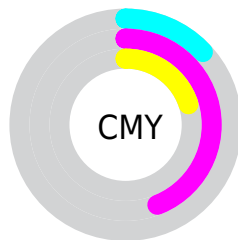
- Red (87%)
- Green (56%)
- Blue (80%)



- Red (87%)
- Yellow (56%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8457, 39.5342, 62.0777 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 50.8457, 39.5342, 62.0777 by changing the saturation by 10% instead.


 50.8457, 39.5342,
62.0777

 50.8457, 39.5342,
62.0777


380.3615,
344.1564, 450.2299

 36.3064, 27.1756,
44.6593


 90.6110, 74.4537,
109.4105

 24.8421, 17.7051,
30.8482


 116.5677, 97.7833,
140.1620

 16.0876, 10.7385,
20.2258


147.0608,
125.5387, 176.1949

 9.6774, 5.8913,
12.3735

182.4559,
158.1043, 217.9278

 5.2462, 2.7791,
6.8730

223.1181,
195.8645, 265.7792

 2.4287, 1.0175,
3.3056

269.4129,

 0.8594, 0.0000,

239.2036, 320.1677

1.2527

321.7056,
288.5061, 381.5117

■ 0.0000, 0.0000,
0.0225

■ 0.0000, 0.0000,
0.0000

■ 50.8457, 39.5342,
62.0777

■ 50.8457, 39.5342,
62.0777

■ 47.2403, 33.2781,
57.9311

■ 55.1327, 47.1206,
66.5495

■ 44.2735, 28.2686,
54.0934

■ 60.1336, 56.1038,
71.3570

■ 41.9032, 24.4212,
50.5499

■ 65.8833, 66.5523,
76.5131

■ 40.0805, 21.6381,
47.2833

■ 72.4129, 78.5283,
82.0291

38.7483, 19.8059,
44.2738

79.7520, 92.0907,
87.9157

37.8367, 18.7849,
41.4971

80.7864, 93.0105,
91.8023

37.5148, 18.4859,
40.3268

81.5252, 93.3060,
95.6928

82.2849, 93.6099,
99.6936

83.0658, 93.9223,
103.8055

Harmonies

Analogous

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



45.5047, 39.5342, 83.0675



50.8457, 39.5342, 62.0777



52.4833, 39.5342, 40.4930

Triad

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



50.8457, 39.5342, 62.0777



36.6737, 39.5342, 15.1131



27.5763, 39.5342, 68.0174

Complementary

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



50.8457, 39.5342, 62.0777



43.8837, 60.6565, 43.1158

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.



25.7982, 39.5342, 45.7041



50.8457, 39.5342, 62.0777



30.6265, 39.5342, 18.5264

Square

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



50.8457, 39.5342, 62.0777



43.7380, 39.5342, 17.0806



26.8428, 39.5342, 28.3657



32.0219, 39.5342, 87.1714

Rectangle

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



50.8457, 39.5342, 62.0777



51.1060, 39.5342, 29.3652



26.8428, 39.5342, 28.3657



26.6734, 39.5342, 60.4272

Sweetspot

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



50.8469, 39.5360, 62.0785



85.7333, 82.9860, 100.8019



37.5297, 32.4067, 73.3849



18.1239, 17.3513, 21.3710



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.



50.8469, 39.5360, 62.0785



65.7040, 47.3319, 80.5469



46.7746, 37.9071, 40.6340



14.1544, 13.8794, 16.5832



22.3270, 10.9978, 24.1856



1.5807, 0.7755, 1.8506

Inverse Universe

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



50.8469, 39.5360, 62.0785



65.7040, 47.3319, 80.5469



47.8310, 62.2354, 63.9020



14.1544, 13.8794, 16.5832



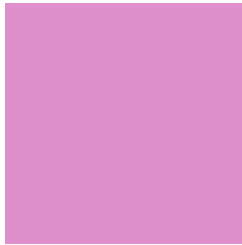
22.3270, 10.9978, 24.1856



1.5807, 0.7755, 1.8506

Previews

White Background



This preview shows how the XYZ color 50.8457, 39.5342, 62.0777 looks on a white background.

Color Contrast Check

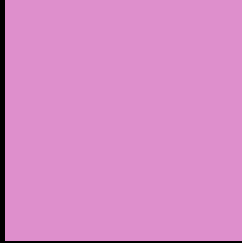
Large Text (above 18pt) WCAG AA × Fail

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 50.8457, 39.5342, 62.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

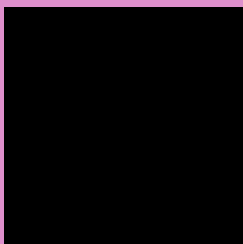
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8457, 39.5342, 62.0777

Background



This preview shows how black text looks on a background with the XYZ color 50.8457, 39.5342, 62.0777.



This preview shows how white text looks on a background with the XYZ color 50.8457, 39.5342,

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

50.8457, 39.5342, 62.0777

Protanopia

40.3874, 39.8265, 73.9652

Deuteranopia

40.6750, 39.7383, 60.1700



Tritanopia

46.2927, 39.5293, 39.8404

Trichromacy



Original Color

50.8457, 39.5342, 62.0777



Protanomaly

43.0830, 38.9437, 69.5361



Deuteranomaly

43.8348, 39.2781, 60.5294



Tritanomaly

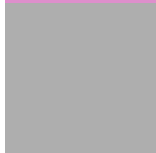
47.8392, 39.4542, 47.2135

Monochromacy



Original Color

50.8457, 39.5342, 62.0777



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.3400, 40.7735, 51.4848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8457, 39.5342, 62.0777 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(222, 143, 204)` looks like.

```
.text, #text, p{  
    color:rgb(222, 143, 204)  
}
```

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(222, 143, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 143, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.8457, 39.5342, 62.0777 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(222, 143, 204) }
```


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

```
.border{ border-color:rgb(222, 143, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 143, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 143, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 143, 204); box-shadow:4px 4px 4px 4px rgb(222, 143, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8457, 39.5342, 62.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 143, 204) }
```

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

```
.background{ background-color: rgb(222,  
143, 204) }
```

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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