

Converting Colors

XYZ(57.8450, 49.8850, 75.8052)

Have a look what the booklet for
XYZ(57.8450, 49.8850, 75.8052)
contains.

XYZ(57.8719, 49.9293, 75.6944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8719, 49.9293,
75.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	DEABDE
RGB	222, 171, 222
RGB Percent	87%, 67%, 87%
CMY	0.1294, 0.3294, 0.1294
CMYK	0.00, 0.23, 0.00, 0.13
HSL	300°, 44%, 77%
HSV	300°, 23%, 87%
XYZ	57.8719, 49.9293, 75.6944
YIQ	192.0630, 14.0250, 26.6730

Conversions

Conversions Part 2

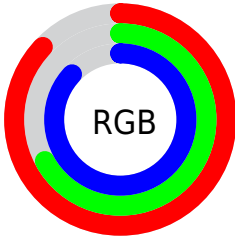
Format	Color
RYB	222, 171, 222
Decimal	14592990
CIELab	76.03, 27.12, -18.51
CIELCh	76, 32.836, 325.691
Yxy	49.9293, 0.3154, 0.2721
Android (android.graphics.Color)	4292783070 (0xFFDEABDE)
YUV	192.0630, 14.7589, 26.2547
Hunter-Lab	70.6607, 22.5374, -14.0512

Details

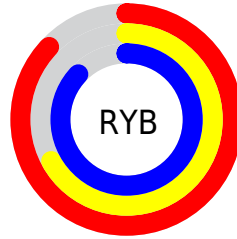
The XYZ color **57.8719, 49.9293, 75.6944** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.2685, 63.8423, 48.2041**, and the grayscale version is **50.0518, 52.6584, 57.3450**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **29.1794, 23.8539, 39.6256** is the 20% darker color. If you saturate the color by 10%, you get **54.0262, 42.2370, 74.4129**, and if you desaturate by 10%, it is **62.4249, 59.0345, 77.2127**.

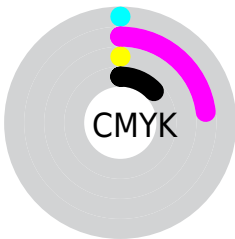
Distribution



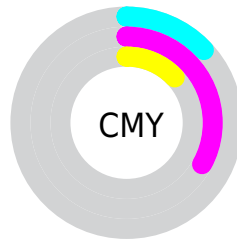
- Red (87%)
- Green (67%)
- Blue (87%)



- Red (87%)
- Yellow (67%)
- Blue (87%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8719, 49.9293, 75.6944 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 57.8719, 49.9293, 75.6944 by changing the saturation by 10% instead.


 57.8719, 49.9293,
75.6944

 57.8719, 49.9293,
75.6944

406.6700,
386.3894, 499.6199

 41.9485, 35.3572,
55.6768

 100.8603, 90.0701,
129.0510

 29.2519, 23.9382,
39.5416


128.6561,
116.4076, 163.2270

 19.4167, 15.2878,
26.8703


161.1401,
147.4358, 202.9596

 12.0776, 9.0216,
17.2442

198.6776,
183.5389, 248.6673

 6.8691, 4.7553,
10.2450

241.6339,
225.1015, 300.7686

 3.4260, 2.1044,
5.4540

290.3746,

 1.3828, 0.6671,

272.5078, 359.6821

2.4526

345.2648,
326.1423, 425.8264

■ 0.2439, 0.0000,
0.8149

■ 0.0000, 0.0000,
0.0000

■ 57.8719, 49.9293,
75.6944

■ 57.8719, 49.9293,
75.6944

■ 54.0262, 42.2370,
74.4129

■ 62.4249, 59.0345,
77.2127

■ 50.8480, 35.8806,
73.3534

■ 67.7134, 69.6113,
78.9757

■ 48.3007, 30.7860,
72.5042

■ 73.7694, 81.7233,
80.9944

■ 46.3422, 26.8692,
71.8513

■ 79.0697, 92.3238,
82.7613

44.9256, 24.0359,
71.3790

79.0697, 92.3238,
82.7614

43.9963, 22.1775,
71.0692

79.0697, 92.3239,
82.7615

43.4889, 21.1627,
70.8999

79.0697, 92.3239,
82.7616

43.3094, 20.8037,
70.8400

79.0698, 92.3239,
82.7617

79.0698, 92.3239,
82.7618

Harmonies

Analogous

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



52.7510, 49.9293, 90.8049



57.8719, 49.9293, 75.6944



60.2050, 49.9293, 56.9399

Triad

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



57.8719, 49.9293, 75.6944



48.3472, 49.9293, 27.1756



37.6086, 49.9293, 70.3489

Complementary

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



57.8719, 49.9293, 75.6944



50.2685, 63.8423, 48.2041

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.



36.6477, 49.9293, 51.8679



57.8719, 49.9293, 75.6944



42.5283, 49.9293, 29.2686

Square

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



57.8719, 49.9293, 75.6944



54.4139, 49.9293, 30.9791



38.3720, 49.9293, 37.4729



41.1186, 49.9293, 87.2816

Rectangle

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



57.8719, 49.9293, 75.6944



59.7306, 49.9293, 45.7375



38.3720, 49.9293, 37.4729



36.9904, 49.9293, 64.0134

Sweetspot

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



57.8734, 49.9315, 75.6955



89.6176, 89.1353, 107.0891



44.5445, 43.0602, 75.0719



19.0868, 18.8885, 22.8898



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.



57.8734, 49.9315, 75.6955



76.3474, 62.5950, 102.6654



54.7097, 48.6660, 59.0353



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9165

Inverse Universe

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



57.8734, 49.9315, 75.6955



76.3474, 62.5950, 102.6654



52.9385, 64.9103, 62.2641



14.2951, 13.9357, 17.3241



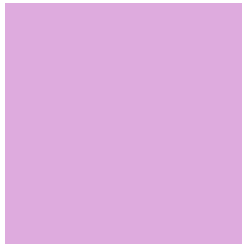
25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 57.8719, 49.9293, 75.6944 looks on a white background.

Color Contrast Check

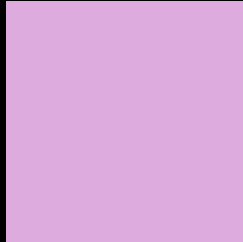
Large Text (above 18pt) WCAG AA × Fail

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 57.8719, 49.9293, 75.6944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

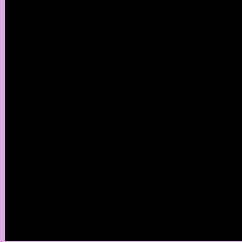
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8719, 49.9293, 75.6944

Background



This preview shows how black text looks on a background with the XYZ color 57.8719, 49.9293, 75.6944.



This preview shows how white text looks on a background with the XYZ color 57.8719, 49.9293,

75.6944.

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

57.8719, 49.9293, 75.6944

Protanopia

50.2559, 50.2911, 83.4023

Deuteranopia

51.0870, 49.9814, 74.6650



Tritanopia

53.9298, 50.0674, 55.5368

Trichromacy



Original Color

57.8719, 49.9293, 75.6944

Protanomaly

52.5198, 49.9866, 80.2791

Deuteranomaly

53.5284, 50.0172, 75.2397

Tritanomaly

55.2041, 49.9843, 62.6155

Monochromacy



Original Color

57.8719, 49.9293, 75.6944

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.5486, 51.2893, 63.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8719, 49.9293, 75.6944 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, 171, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 222)  
}
```

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, 171, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 222) }
```

Border

The CSS property to change the border of an element to XYZ 57.8719, 49.9293, 75.6944 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, 171, 222) }
```


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

```
.border{ border-color:rgb(222, 171, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 171, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8719, 49.9293, 75.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 222) }
```

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

```
.background{ background-color: rgb(222,  
171, 222) }
```

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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