

Converting Colors

XYZ(55.6922, 44.9064, 78.3694)

Have a look what the booklet for
XYZ(55.6922, 44.9064, 78.3694)
contains.

XYZ(55.7409, 45.0321, 78.4273)	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(55.7409, 45.0321,
78.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9DE3
RGB	221, 157, 227
RGB Percent	87%, 62%, 89%
CMY	0.1333, 0.3843, 0.1098
CMYK	0.03, 0.31, 0.00, 0.11
HSL	295°, 56%, 75%
HSV	295°, 31%, 89%
XYZ	55.7409, 45.0321, 78.4273
YIQ	184.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

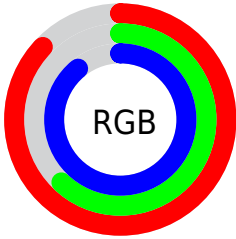
Format	Color
R_{YB}	221, 157, 227
Decimal	14523875
CIE _{Lab}	72.91, 35.27, -25.98
CIE _{LCh}	73, 43.809, 323.625
Yxy	45.0321, 0.3111, 0.2513
Android (android.graphics.Color)	4292713955 (0xFFDD9DE3)
YUV	184.1160, 21.1418, 32.3473
Hunter-Lab	67.1060, 30.8338, -22.3185

Details

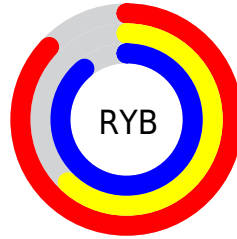
The XYZ color **55.7409, 45.0321, 78.4273** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.6606, 65.1601, 41.9129**, and the grayscale version is **45.5061, 47.8759, 52.1369**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **27.9193, 21.0428, 41.1182** is the 20% darker color. If you saturate the color by 10%, you get **51.6628, 37.7494, 77.2372**, and if you desaturate by 10%, it is **60.5422, 53.7492, 79.8575**.

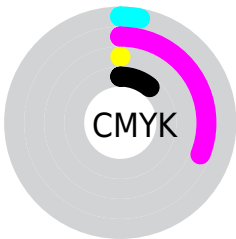
Distribution



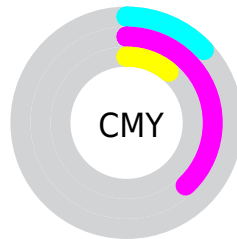
- Red (87%)
- Green (62%)
- Blue (89%)



- Red (87%)
- Yellow (62%)
- Blue (89%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)





- Cyan (13%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7409, 45.0321, 78.4273 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 55.7409, 45.0321, 78.4273 by changing the saturation by 10% instead.


 55.7409, 45.0321,
78.4273


 55.7409, 45.0321,
78.4273


398.8052,
366.9035, 509.1831

 40.2314, 31.4827,
57.9065

 97.7677, 82.7686,
132.9437

 27.9040, 20.9667,
41.3193


 125.0156,
107.7245, 167.7763

 18.3934, 13.0997,
28.2471


156.9071,
137.2513, 208.2167

 11.3342, 7.4972,
18.2713

193.8075,
171.7335, 254.6833

 6.3610, 3.7749,
10.9735

236.0822,
211.5554, 307.5947

 3.1086, 1.5485,
5.9351

284.0965,

 1.2114, 0.3225,

257.1014, 367.3695

2.7375

338.2157,
308.7560, 434.4261

■ 0.1154, 0.0000,
0.9622

■ 0.0000, 0.0000,
0.0000

■ 55.7409, 45.0321,
78.4273

■ 55.7409, 45.0321,
78.4273

■ 51.6628, 37.7494,
77.2372

■ 60.5422, 53.7492,
79.8575

■ 48.2640, 31.8160,
76.2711

■ 66.0989, 63.9678,
81.5370

■ 45.5025, 27.1470,
75.5154

■ 72.4465, 75.7580,
83.4782

■ 43.3297, 23.6454,
74.9541

■ 79.6170, 89.1836,
85.6917

41.6900, 21.2001,
74.5685

82.4931, 94.0101,
86.4717

40.5173, 19.6785,
74.3366

83.1236, 94.3351,
86.5012

39.7499, 18.8901,
74.2249

83.7612, 94.6638,
86.5310

84.4057, 94.9961,
86.5612

85.0574, 95.3320,
86.5917

Harmonies

Analogous

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



48.9575, 45.0321, 98.5103



55.7409, 45.0321, 78.4273



59.1090, 45.0321, 53.8496

Triad

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



55.7409, 45.0321, 78.4273



44.4522, 45.0321, 17.9970



30.7130, 45.0321, 67.8816

Complementary

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



55.7409, 45.0321, 78.4273



48.6606, 65.1601, 41.9129

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.



29.8087, 45.0321, 44.5112



55.7409, 45.0321, 78.4273



37.1848, 45.0321, 19.7223

Square

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



55.7409, 45.0321, 78.4273



52.1103, 45.0321, 22.3766



32.0379, 45.0321, 28.0882



34.6733, 45.0321, 91.2638

Rectangle

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



55.7409, 45.0321, 78.4273



58.7102, 45.0321, 39.7815



32.0379, 45.0321, 28.0882



30.0627, 45.0321, 59.6164

Sweetspot

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



55.7423, 45.0341, 78.4283



87.4407, 85.8502, 106.5699



41.0470, 39.2671, 78.0897



18.4699, 17.9202, 22.7354



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.



55.7423, 45.0341, 78.4283



69.0610, 52.3460, 101.0716



54.0457, 44.5702, 59.7887



14.8669, 14.5491, 18.1690



23.2316, 11.0422, 43.2901



1.7528, 0.8346, 3.2007

Inverse Universe

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



50.3479, 43.0911, 40.3160



61.0605, 49.4823, 43.7394



50.1322, 65.6102, 55.9225



14.4269, 14.3879, 15.1824



18.5634, 9.5596, 1.3300



1.3892, 0.7134, 0.1900

Previews

White Background



This preview shows how the XYZ color 55.7409, 45.0321, 78.4273 looks on a white background.

Color Contrast Check

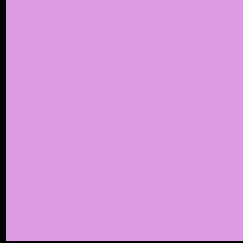
Large Text (above 18pt) WCAG AA × Fail

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 55.7409, 45.0321, 78.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

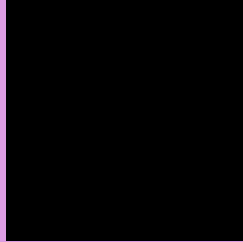
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7409, 45.0321, 78.4273

Background



This preview shows how black text looks on a background with the XYZ color 55.7409, 45.0321, 78.4273.



This preview shows how white text looks on a background with the XYZ color 55.7409, 45.0321,

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

55.7409, 45.0321, 78.4273

Protanopia

46.4471, 45.4322, 90.3257

Deuteranopia

46.3002, 45.3771, 76.1304



Tritanopia

49.5045, 44.8233, 48.6904

Trichromacy



Original Color

55.7409, 45.0321, 78.4273



Protanomaly

49.1892, 44.9312, 86.2008



Deuteranomaly

49.1284, 44.8341, 76.5855



Tritanomaly

51.6763, 44.9316, 58.1736

Monochromacy



Original Color

55.7409, 45.0321, 78.4273



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.5873, 46.3126, 61.0220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7409, 45.0321, 78.4273 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(221, 157, 227)` looks like.

```
.text, #text, p{  
    color:rgb(221, 157, 227)  
}
```

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(221, 157, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 157, 227) }
```

Border

The CSS property to change the border of an element to XYZ 55.7409, 45.0321, 78.4273 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(221, 157, 227) }
```


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

```
.border{ border-color:rgb(221, 157, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 157, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 157, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 157, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 157,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7409, 45.0321, 78.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 157, 227) }
```

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

```
.background{ background-color: rgb(221,  
157, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor