

Converting Colors

XYZ(55.5080, 45.1735, 68.9627)

Have a look what the booklet for
XYZ(55.5080, 45.1735, 68.9627)
contains.

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Color

**XYZ(55.4312, 45.0868,
68.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	E29DD5
RGB	226, 157, 213
RGB Percent	89%, 62%, 84%
CMY	0.1137, 0.3843, 0.1647
CMYK	0.00, 0.31, 0.06, 0.11
HSL	311°, 54%, 75%
HSV	311°, 31%, 89%
XYZ	55.4312, 45.0868, 68.7319
YIQ	184.0150, 23.1480, 32.0440

Conversions

Conversions Part 2

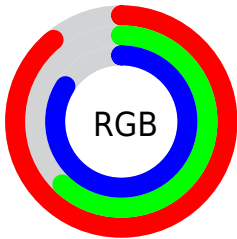
Format	Color
R_{YB}	226, 157, 213
Decimal	14851541
CIE Lab	72.95, 34.34, -18.20
CIE LCh	73, 38.869, 332.071
Yxy	45.0868, 0.3275, 0.2664
Android (android.graphics.Color)	4293041621 (0xFFE29DD5)
YUV	184.0150, 14.2896, 36.8208
Hunter-Lab	67.1467, 29.8493, -13.6870

Details

The XYZ color **55.4312, 45.0868, 68.7319** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3585, 64.4644, 47.9270**, and the grayscale version is **45.4841, 47.8528, 52.1117**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **27.8007, 21.1178, 34.9586** is the 20% darker color. If you saturate the color by 10%, you get **51.4223, 37.9221, 64.7642**, and if you desaturate by 10%, it is **60.1642, 53.6756, 73.0120**.

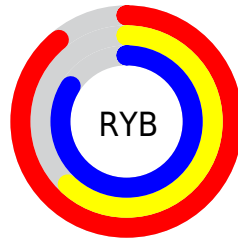
Distribution



Red (89%)

Green (62%)

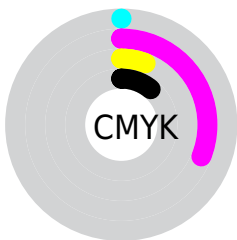
Blue (84%)



Red (89%)

Yellow (62%)

Blue (84%)

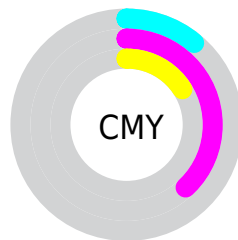


Cyan (0%)

Magenta (31%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4312, 45.0868, 68.7319 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 55.4312, 45.0868, 68.7319 by changing the saturation by 10% instead.

55.4312, 45.0868,
68.7319

55.4312, 45.0868,
68.7319

397.6543,
367.1250, 474.7531

39.9823, 31.5258,
50.0230

97.3171, 82.8506,
119.0627

27.7089, 20.9996,
35.0604

124.4848,
107.8223, 151.5216

18.2456, 13.1237,
23.4255

156.2894,
137.3663, 189.4010

11.2272, 7.5138,
14.6997

193.0963,
171.8670, 233.1193

6.2883, 3.7854,
8.4646

235.2709,
211.7088, 283.0951

3.0635, 1.5543,
4.3017

283.1785,

1.1874, 0.3265,

257.2761, 339.7470

1.7923

337.1845,
308.9534, 403.4935

■ 0.0964, 0.0000,
0.4228

■ 0.0000, 0.0000,
0.0000

■ 55.4312, 45.0868,
68.7319

■ 55.4312, 45.0868,
68.7319

■ 51.4223, 37.9221,
64.7642

■ 60.1642, 53.6756,
73.0120

■ 48.0943, 32.0972,
61.0924

■ 65.6534, 63.7546,
77.6142

■ 45.4056, 27.5286,
57.7027

■ 71.9337, 75.3930,
82.5513

■ 43.3082, 24.1205,
54.5786

■ 79.0370, 88.6540,
87.8342

41.7475, 21.7636,
51.7012

82.0177, 93.6462,
91.8150

40.6581, 20.3275,
49.0482

82.6380, 93.8944,
95.0816

39.9552, 19.6053,
46.7067

83.2731, 94.1484,
98.4262

83.9232, 94.4084,
101.8494

84.5883, 94.6745,
105.3516

Harmonies

Analogous

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



50.1532, 45.0868, 88.0011



55.4312, 45.0868, 68.7319



57.2425, 45.0868, 47.7551

Triad

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



55.4312, 45.0868, 68.7319



42.3843, 45.0868, 20.4401



32.7310, 45.0868, 71.6980

Complementary

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



55.4312, 45.0868, 68.7319



48.3585, 64.4644, 47.9270

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.



31.1039, 45.0868, 50.4534



55.4312, 45.0868, 68.7319



36.2991, 45.0868, 23.7687

Square

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



55.4312, 45.0868, 68.7319



49.2525, 45.0868, 22.9465



32.3390, 45.0868, 33.6024



37.0345, 45.0868, 90.0070

Rectangle

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



55.4312, 45.0868, 68.7319



56.1021, 45.0868, 36.3594



32.3390, 45.0868, 33.6024



31.8747, 45.0868, 64.4958

Sweetspot

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



55.4326, 45.0888, 68.7328



87.4722, 85.9460, 102.9780



42.2885, 38.1144, 77.0802



18.4779, 17.9441, 21.8440



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.



55.4326, 45.0888, 68.7328



69.2424, 52.7550, 86.8248



51.5441, 43.5334, 48.2566



14.1785, 13.8890, 16.7100



22.8358, 11.2013, 26.8649



1.6118, 0.7880, 2.0146

Inverse Universe

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



55.4326, 45.0888, 68.7328



69.2424, 52.7550, 86.8248



52.0197, 65.9288, 67.2064



14.1785, 13.8890, 16.7100



22.8358, 11.2013, 26.8649



1.6118, 0.7880, 2.0146

Previews

White Background



This preview shows how the XYZ color 55.4312, 45.0868, 68.7319 looks on a white background.

Color Contrast Check

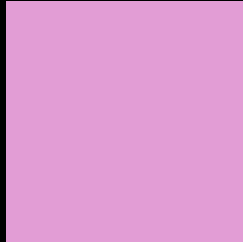
Large Text (above 18pt) WCAG AA × Fail

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 55.4312, 45.0868, 68.7319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

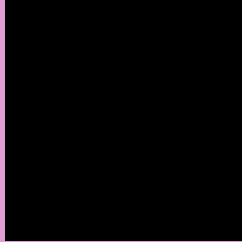
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4312, 45.0868, 68.7319

Background



This preview shows how black text looks on a background with the XYZ color 55.4312, 45.0868, 68.7319.



This preview shows how white text looks on a background with the XYZ color 55.4312, 45.0868,

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

55.4312, 45.0868, 68.7319

Protanopia

45.7219, 45.6023, 79.0654

Deuteranopia

46.2542, 45.2582, 67.2706



Tritanopia

50.9307, 45.0577, 47.0870

Trichromacy



Original Color

55.4312, 45.0868, 68.7319



Protanomaly

48.2986, 44.7147, 75.1924



Deuteranomaly

49.0492, 44.7142, 67.6735



Tritanomaly

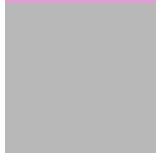
52.3616, 44.8518, 54.0416

Monochromacy



Original Color

55.4312, 45.0868, 68.7319



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.5396, 46.3543, 58.0187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4312, 45.0868, 68.7319 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(226, 157, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 157, 213)  
}
```

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(226, 157, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 157, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.4312, 45.0868, 68.7319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

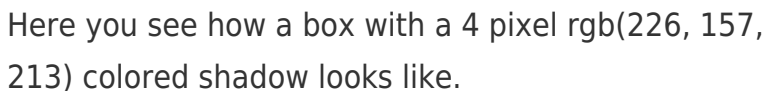
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 157, 213) }
```


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

```
.border{ border-color:rgb(226, 157, 213) }
```

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



Here you see how a box with a 4 pixel rgb(226, 157, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 157, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 157, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 157,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4312, 45.0868, 68.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 157, 213) }
```

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

```
.background{ background-color: rgb(226,  
157, 213) }
```

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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