

Converting Colors

XYZ(54.2994, 45.3949, 65.2951)

Have a look what the booklet for
XYZ(54.2994, 45.3949, 65.2951)
contains.

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Color

**XYZ(54.3874, 45.3837,
65.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA0D0
RGB	223, 160, 208
RGB Percent	87%, 63%, 82%
CMY	0.1255, 0.3725, 0.1843
CMYK	0.00, 0.28, 0.07, 0.13
HSL	314°, 50%, 75%
HSV	314°, 28%, 87%
XYZ	54.3874, 45.3837, 65.5679
YIQ	184.3090, 22.1400, 28.2840

Conversions

Conversions Part 2

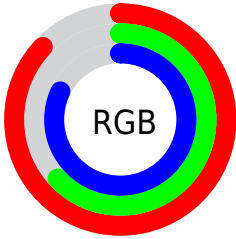
Format	Color
RYB	223, 160, 208
Decimal	14655696
CIELab	73.14, 30.86, -15.19
CIELCh	73, 34.401, 333.787
Yxy	45.3837, 0.3289, 0.2745
Android (android.graphics.Color)	4292845776 (0xFFDFA0D0)
YUV	184.3090, 11.6797, 33.9320
Hunter-Lab	67.3674, 26.2145, -10.5490

Details

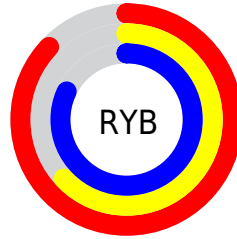
The XYZ color **54.3874, 45.3837, 65.5679** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.6246, 63.3454, 50.2243**, and the grayscale version is **45.6608, 48.0387, 52.3142**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **27.1316, 21.2737, 33.2481** is the 20% darker color. If you saturate the color by 10%, you get **50.2207, 38.0777, 61.0099**, and if you desaturate by 10%, it is **59.2721, 54.0892, 70.4742**.

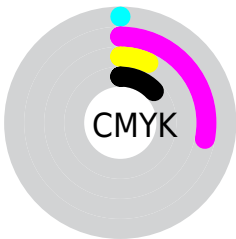
Distribution



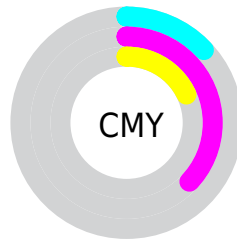
- Red (87%)
- Green (63%)
- Blue (82%)



- Red (87%)
- Yellow (63%)
- Blue (82%)



- Cyan (0%)
- Magenta (28%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (37%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3874, 45.3837, 65.5679 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 54.3874, 45.3837, 65.5679 by changing the saturation by 10% instead.


 54.3874, 45.3837,
65.5679


 54.3874, 45.3837,
65.5679


393.7599,
368.3253, 463.1919

 39.1434, 31.7598,
47.4675

 95.7964, 83.2959,
114.4870

 27.0525, 21.1781,
33.0484


 122.6921,
108.3529, 146.1428

 17.7495, 13.2542,
21.8921


154.2023,
137.9898, 183.1540

 10.8689, 7.6038,
13.5801

190.6925,
172.5909, 225.9393

 6.0454, 3.8425,
7.6938

232.5280,
212.5406, 274.9172

 2.9136, 1.5859,
3.8147

280.0742,

 1.1082, 0.3480,

258.2233, 330.5063

1.5242

333.6963,
310.0234, 393.1250

■ 0.0320, 0.0000,
0.2359

■ 0.0000, 0.0000,
0.0000

■ 54.3874, 45.3837,
65.5679

■ 54.3874, 45.3837,
65.5679

■ 50.2207, 38.0777,
61.0099

■ 59.2721, 54.0892,
70.4742

■ 46.7306, 32.0909,
56.7837

■ 64.9051, 64.2568,
75.7384

■ 43.8776, 27.3442,
52.8759

■ 71.3202, 75.9528,
81.3732

■ 41.6167, 23.7475,
49.2701

■ 78.5476, 89.2374,
87.3897

39.8963, 21.1983,
45.9481

81.1223, 93.1804,
91.9673

38.6562, 19.5762,
42.8888

81.8992, 93.4911,
96.0586

37.8087, 18.7068,
40.0619

82.6992, 93.8111,
100.2714

37.6781, 18.5867,
39.5832

83.5225, 94.1405,
104.6068

84.2418, 94.4281,
108.3942

Harmonies

Analogous

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



49.9050, 45.3837, 82.4399



54.3874, 45.3837, 65.5679



55.7598, 45.3837, 47.2556

Triad

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



54.3874, 45.3837, 65.5679



42.3751, 45.3837, 23.1506



34.2055, 45.3837, 70.2595

Complementary

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



54.3874, 45.3837, 65.5679



48.6246, 63.3454, 50.2243

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.



32.5774, 45.3837, 51.6394



54.3874, 45.3837, 65.5679



37.0083, 45.3837, 26.6501

Square

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



54.3874, 45.3837, 65.5679



48.4584, 45.3837, 25.2242



33.5541, 45.3837, 36.1603



38.2181, 45.3837, 85.5615

Rectangle

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



54.3874, 45.3837, 65.5679



54.6296, 45.3837, 37.2037



33.5541, 45.3837, 36.1603



33.3791, 45.3837, 64.0430

Sweetspot

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



54.3888, 45.3857, 65.5689



88.1116, 87.3589, 102.7777



43.5041, 39.5510, 75.1540



18.5968, 18.2220, 21.7601



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.



54.3888, 45.3857, 65.5689



70.2005, 55.3371, 85.0912



50.9198, 43.9981, 47.3015



14.1482, 13.8769, 16.5504



22.2000, 10.9470, 23.5169



1.5728, 0.7724, 1.8093

Inverse Universe

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



54.3888, 45.3857, 65.5689



70.2005, 55.3371, 85.0912



52.0514, 64.7161, 68.2695



14.1482, 13.8769, 16.5504



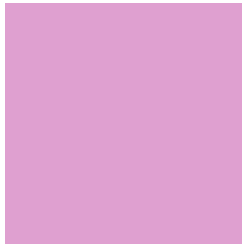
22.2000, 10.9470, 23.5169



1.5728, 0.7724, 1.8093

Previews

White Background



This preview shows how the XYZ color 54.3874, 45.3837, 65.5679 looks on a white background.

Color Contrast Check

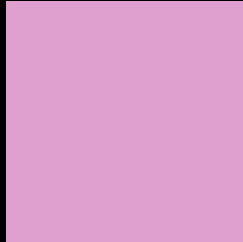
Large Text (above 18pt) WCAG AA × Fail

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 54.3874, 45.3837, 65.5679 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 54.3874, 45.3837, 65.5679

Background



This preview shows how black text looks on a background with the XYZ color 54.3874, 45.3837, 65.5679.



This preview shows how white text looks on a background with the XYZ color 54.3874, 45.3837,

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

54.3874, 45.3837, 65.5679

Protanopia

45.4162, 45.5541, 74.1093

Deuteranopia

46.3570, 45.3820, 64.0739



Tritanopia

50.7044, 45.1847, 48.1686

Trichromacy



Original Color

54.3874, 45.3837, 65.5679



Protanomaly

47.9438, 44.9025, 71.1059



Deuteranomaly

49.0685, 45.3478, 64.5593



Tritanomaly

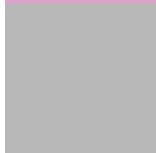
51.7977, 45.0842, 54.1162

Monochromacy



Original Color

54.3874, 45.3837, 65.5679



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.2443, 46.5160, 56.8878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3874, 45.3837, 65.5679 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(223, 160, 208)` looks like.

```
.text, #text, p{  
    color:rgb(223, 160, 208)  
}
```

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(223, 160, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 160, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.3874, 45.3837, 65.5679 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(223, 160, 208) }
```


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

```
.border{ border-color:rgb(223, 160, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 160, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 160, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 160, 208);  
box-shadow:4px 4px 4px 4px rgb(223, 160,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3874, 45.3837, 65.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 160, 208) }
```

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

```
.background{ background-color: rgb(223,  
160, 208) }
```

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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