

Converting Colors

XYZ(54.0412, 45.7497, 63.9068)

Have a look what the booklet for
XYZ(54.0412, 45.7497, 63.9068)
contains.

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Color

**XYZ(54.0640, 45.7780,
63.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA2CD
RGB	222, 162, 205
RGB Percent	87%, 64%, 80%
CMY	0.1294, 0.3647, 0.1961
CMYK	0.00, 0.27, 0.08, 0.13
HSL	317°, 48%, 75%
HSV	317°, 27%, 87%
XYZ	54.0640, 45.7780, 63.7442
YIQ	184.8420, 21.9570, 26.0930

Conversions

Conversions Part 2

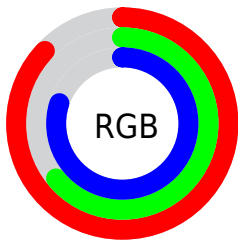
Format	Color
R _Y B	222, 162, 205
Decimal	14590669
CIE Lab	73.40, 28.93, -13.17
CIE LCh	73, 31.786, 335.522
Yxy	45.7780, 0.3305, 0.2798
Android (android.graphics.Color)	4292780749 (0xFFDEA2CD)
YUV	184.8420, 9.9379, 32.5876
Hunter-Lab	67.6594, 24.2283, -8.4975

Details

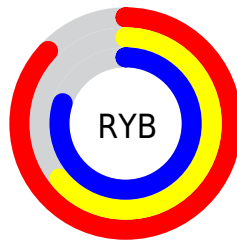
The XYZ color **54.0640, 45.7780, 63.7442** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1601, 63.1800, 52.2545**, and the grayscale version is **45.9654, 48.3592, 52.6632**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **26.8877, 21.4932, 32.0096** is the 20% darker color. If you saturate the color by 10%, you get **49.7494, 38.3391, 58.6349**, and if you desaturate by 10%, it is **59.1022, 54.6138, 69.2463**.

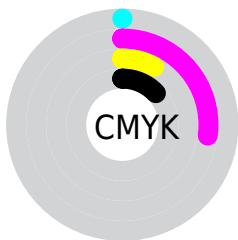
Distribution



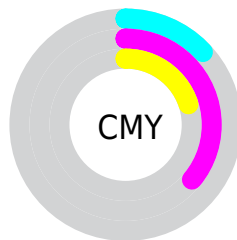
- Red (87%)
- Green (64%)
- Blue (80%)



- Red (87%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (8%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0640, 45.7780, 63.7442 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 54.0640, 45.7780, 63.7442 by changing the saturation by 10% instead.


 54.0640, 45.7780,
63.7442


 54.0640, 45.7780,
63.7442


392.5484,
369.9154, 456.4474

 38.8837, 32.0707,
45.9987

 95.3246, 83.8867,
111.8384

 26.8496, 21.4155,
31.8961


 122.1355,
109.0568, 143.0241

 17.5963, 13.4280,
21.0180

153.5541,
138.8166, 179.5270

 10.7585, 7.7240,
12.9458

189.9456,
173.5506, 221.7655

 5.9708, 3.9188,
7.2609

231.6754,
213.6430, 270.1583

 2.8678, 1.6283,
3.5449

279.1090,

 1.0842, 0.3765,

259.4784, 325.1239

1.3792

332.6115,
311.4411, 387.0807

■ 0.0119, 0.0000,
0.1254

■ 0.0000, 0.0000,
0.0000

■ 54.0640, 45.7780,
63.7442

■ 54.0640, 45.7780,
63.7442

■ 49.7494, 38.3391,
58.6349

■ 59.1022, 54.6138,
69.2463

■ 46.1176, 32.2182,
53.9016

■ 64.8938, 64.9079,
75.1515

■ 43.1300, 27.3380,
49.5302

■ 71.4721, 76.7252,
81.4729

■ 40.7424, 23.6105,
45.5040

■ 78.8669, 90.1250,
88.2222

■ 38.9046, 20.9362,
41.8047

■ 81.0909, 93.1323,
93.4052

■ 37.5581, 19.1985,
38.4106

■ 82.0236, 93.5054,
98.3167

■ 36.6264, 18.2452,
35.2945

■ 82.9889, 93.8915,
103.3997

■ 36.3910, 18.0363,
34.4081

■ 83.9346, 94.2698,
108.3798

Harmonies

Analogous

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



50.0710, 45.7780, 79.3898



54.0640, 45.7780, 63.7442



55.1317, 45.7780, 46.9358

Triad

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



54.0640, 45.7780, 63.7442



42.4828, 45.7780, 25.0204



35.3225, 45.7780, 69.9929

Complementary

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



54.0640, 45.7780, 63.7442



49.1601, 63.1800, 52.2545

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.



33.6493, 45.7780, 52.8708



54.0640, 45.7780, 63.7442



37.5498, 45.7780, 28.7237

Square

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



54.0640, 45.7780, 63.7442



48.1262, 45.7780, 26.7176



34.4285, 45.7780, 38.1282



39.2000, 45.7780, 83.5057

Rectangle

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



54.0640, 45.7780, 63.7442



53.9683, 45.7780, 37.7041



34.4285, 45.7780, 38.1282



34.4995, 45.7780, 64.3457

Sweetspot

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



54.0654, 45.7800, 63.7452



87.9671, 87.3011, 102.0166



44.6975, 40.7006, 74.6083



18.5603, 18.2074, 21.5676



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.



54.0654, 45.7800, 63.7452



70.8086, 57.1201, 83.5466



50.7841, 44.4675, 46.4661



14.1207, 13.8659, 16.4060



21.6651, 10.7331, 20.7002



1.5395, 0.7591, 1.6339

Inverse Universe

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



54.0654, 45.7800, 63.7452



70.8086, 57.1201, 83.5466



52.5318, 64.5287, 70.0095



14.1207, 13.8659, 16.4060



21.6651, 10.7331, 20.7002



1.5395, 0.7591, 1.6339

Previews

White Background



This preview shows how the XYZ color 54.0640, 45.7780, 63.7442 looks on a white background.

Color Contrast Check

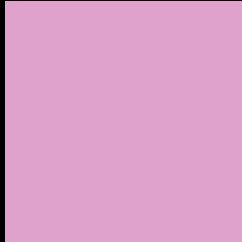
Large Text (above 18pt) WCAG AA × Fail

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 54.0640, 45.7780, 63.7442 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 54.0640, 45.7780, 63.7442

Background



This preview shows how black text looks on a background with the XYZ color 54.0640, 45.7780, 63.7442.



This preview shows how white text looks on a background with the XYZ color 54.0640, 45.7780,

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

54.0640, 45.7780, 63.7442

Protanopia

45.7483, 46.0823, 71.4493

Deuteranopia

46.9250, 46.0063, 62.2840



Tritanopia

51.1688, 45.9522, 48.8206

Trichromacy



Original Color

54.0640, 45.7780, 63.7442

Protanomaly

48.3131, 45.7170, 68.5652

Deuteranomaly

49.1618, 45.7170, 62.7331

Tritanomaly

52.0474, 45.7568, 53.6657

Monochromacy



Original Color

54.0640, 45.7780, 63.7442

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5253, 47.2558, 56.4329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0640, 45.7780, 63.7442 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, 162, 205)` looks like.

```
.text, #text, p{  
    color:rgb(222, 162, 205)  
}
```

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, 162, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 162, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.0640, 45.7780, 63.7442 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, 162, 205) }
```


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

```
.border{ border-color:rgb(222, 162, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 162, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 162, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 162, 205);  
box-shadow:4px 4px 4px 4px rgb(222, 162,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0640, 45.7780, 63.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 162, 205) }
```

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

```
.background{ background-color: rgb(222,  
162, 205) }
```

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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