

# Converting Colors

XYZ(54.3978, 44.0351, 67.6864)

Have a look what the booklet for  
XYZ(54.3978, 44.0351, 67.6864)  
contains.

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# Color

**XYZ(54.3455, 44.0434,  
67.9243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E09BD4
RGB	224, 155, 212
RGB Percent	88%, 61%, 83%
CMY	0.1216, 0.3921, 0.1686
CMYK	0.00, 0.31, 0.05, 0.12
HSL	310°, 53%, 74%
HSV	310°, 31%, 88%
XYZ	54.3455, 44.0434, 67.9243
YIQ	182.1290, 22.8270, 32.3550

# Conversions

## Conversions Part 2

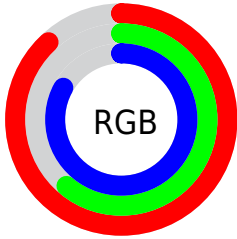
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 155, 212
Decimal	14719956
CIE <sub>Lab</sub>	72.26, 34.58, -18.72
CIE <sub>LCh</sub>	72, 39.320, 331.565
Yxy	44.0434, 0.3268, 0.2648
Android (android.graphics.Color)	4292910036 (0xFFE09BD4)
YUV	182.1290, 14.7264, 36.7209
Hunter-Lab	66.3652, 30.0320, -14.2272

# Details

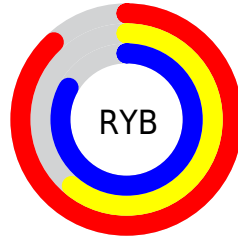
The XYZ color **54.3455, 44.0434, 67.9243** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.1501, 63.0713, 46.2507**, and the grayscale version is **44.4484, 46.7632, 50.9251**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **27.0845, 20.4596, 34.4199** is the 20% darker color. If you saturate the color by 10%, you get **50.4725, 37.0738, 64.2380**, and if you desaturate by 10%, it is **58.9245, 52.4046, 71.9054**.

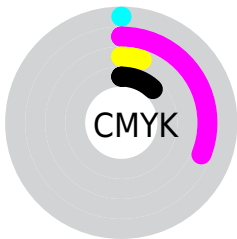
# Distribution



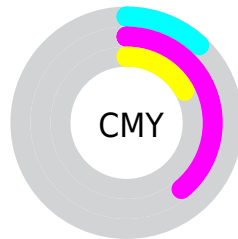
- Red (88%)
- Green (61%)
- Blue (83%)



- Red (88%)
- Yellow (61%)
- Blue (83%)



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (12%)




- Cyan (12%)
- Magenta (39%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3455, 44.0434, 67.9243 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 54.3455, 44.0434, 67.9243 by changing the saturation by 10% instead.





 54.3455, 44.0434,  
67.9243


 54.3455, 44.0434,  
67.9243


393.6030,  
362.8854, 471.8185

 39.1097, 30.7046,  
49.3698

 95.7353, 81.2830,  
117.8970

 27.0262, 20.3740,  
34.5453


 122.6200,  
105.9527, 150.1524

 17.7296, 12.6672,  
23.0321


154.1184,  
135.1681, 187.8118

 10.8545, 7.1998,  
14.4117

190.5958,  
169.3137, 231.2938

 6.0357, 3.5874,  
8.2655

232.4176,  
208.7738, 281.0169

 2.9076, 1.4455,  
4.1751

279.9492,

 1.1051, 0.2499,

253.9329, 337.3997

1.7219

333.5559,  
305.1752, 400.8608

■ 0.0294, 0.0000,  
0.3757

■ 0.0000, 0.0000,  
0.0000

■ 54.3455, 44.0434,  
67.9243

■ 54.3455, 44.0434,  
67.9243

■ 50.4725, 37.0738,  
64.2380

■ 58.9245, 52.4046,  
71.9054

■ 47.2631, 31.4133,  
60.8306

■ 64.2410, 62.2222,  
76.1907

■ 44.6766, 26.9797,  
57.6884

■ 70.3291, 73.5642,  
80.7926

■ 42.6658, 23.6792,  
54.7956

■ 77.2201, 86.4923,  
85.7218

41.1772, 21.4045,  
52.1336

80.9928, 93.1643,  
89.6717

40.1465, 20.0273,  
49.6806

81.5508, 93.3875,  
92.6105

39.5022, 19.3520,  
47.5751

82.1213, 93.6157,  
95.6144

82.7041, 93.8488,  
98.6836

83.2994, 94.0869,  
101.8185

# Harmonies

## Analogous

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



49.0312, 44.0434, 87.1165



54.3455, 44.0434, 67.9243



56.2245, 44.0434, 46.9473

# Triad

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



54.3455, 44.0434, 67.9243



41.5083, 44.0434, 19.5667



31.7473, 44.0434, 70.1671

# Complementary

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



54.3455, 44.0434, 67.9243



47.1501, 63.0713, 46.2507

# 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.



30.1807, 44.0434, 48.9786



54.3455, 44.0434, 67.9243



35.4280, 44.0434, 22.7427

# Square

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



54.3455, 44.0434, 67.9243



48.3519, 44.0434, 22.1307



31.4533, 44.0434, 32.3431



35.9804, 44.0434, 88.6373



# Rectangle

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



54.3455, 44.0434, 67.9243



55.1315, 44.0434, 35.5481



31.4533, 44.0434, 32.3431



30.9132, 44.0434, 62.9591

# Sweetspot

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



54.3469, 44.0454, 67.9252



87.5246, 85.9669, 103.2539



41.0087, 36.9878, 75.5000



18.4909, 17.9493, 21.9123



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.



54.3469, 44.0454, 67.9252



69.4432, 52.8354, 87.8823



50.4993, 42.5064, 47.6644



14.1873, 13.8926, 16.7567



23.0309, 11.2793, 27.8920



1.6237, 0.7927, 2.0770



# Inverse Universe

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



54.3469, 44.0454, 67.9252



69.4432, 52.8354, 87.8823



50.7175, 64.4983, 65.0362



14.1873, 13.8926, 16.7567



23.0309, 11.2793, 27.8920



1.6237, 0.7927, 2.0770



# Previews

## White Background



This preview shows how the XYZ color 54.3455, 44.0434, 67.9243 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

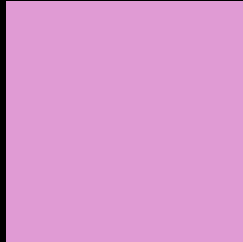
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.3455, 44.0434, 67.9243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

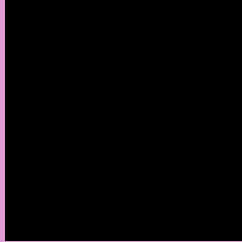
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.3455, 44.0434, 67.9243**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.3455, 44.0434, 67.9243.



This preview shows how white text looks on a background with the XYZ color 54.3455, 44.0434,



# 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

54.3455, 44.0434, 67.9243

### Protanopia

44.7699, 44.5410, 78.1892

### Deuteranopia

45.2746, 44.1939, 66.4656



## Tritanopia

49.8716, 43.9959, 46.4210

# Trichromacy



## Original Color

54.3455, 44.0434, 67.9243



## Protanomaly

47.3035, 43.6648, 74.3416



## Deuteranomaly

48.0340, 43.6613, 66.8686



## Tritanomaly

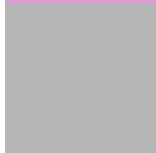
51.2940, 43.7993, 53.3276

# Monochromacy



## Original Color

54.3455, 44.0434, 67.9243



## Achromatopsia

44.4628, 46.7784, 50.9417



## Achromatomaly

47.4041, 45.2256, 56.6830

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3455, 44.0434, 67.9243 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(224, 155, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 155, 212)  
}
```

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(224, 155, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 155, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3455, 44.0434, 67.9243 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(224, 155, 212) }
```



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

```
.border{ border-color:rgb(224, 155, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 155, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 155, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 155, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 155,  
212) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3455, 44.0434, 67.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 155, 212) }
```

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

```
.background{ background-color: rgb(224,  
155, 212) }
```

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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