

Converting Colors

XYZ(54.1984, 44.7484, 75.0365)

Have a look what the booklet for
XYZ(54.1984, 44.7484, 75.0365)
contains.

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Color

**XYZ(54.1982, 44.8219,
74.9022)**

Conversions

Conversions Part 1

Format	Color
Hex	D99FDE
RGB	217, 159, 222
RGB Percent	85%, 62%, 87%
CMY	0.1490, 0.3765, 0.1294
CMYK	0.02, 0.28, 0.00, 0.13
HSL	295°, 49%, 75%
HSV	295°, 28%, 87%
XYZ	54.1982, 44.8219, 74.9022
YIQ	183.5240, 14.3450, 31.8890

Conversions

Conversions Part 2

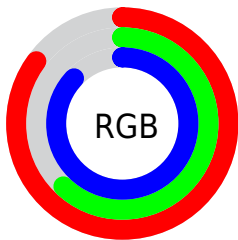
Format	Color
R _Y B	217, 159, 222
Decimal	14262238
CIE Lab	72.77, 31.97, -23.49
CIE LCh	73, 39.677, 323.692
Yxy	44.8219, 0.3116, 0.2577
Android (android.graphics.Color)	4292452318 (0xFFD99FDE)
YUV	183.5240, 18.9687, 29.3585
Hunter-Lab	66.9492, 27.3423, -19.4688

Details

The XYZ color **54.1982, 44.8219, 74.9022** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.6907, 62.6394, 42.3801**, and the grayscale version is **45.1922, 47.5457, 51.7772**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **26.9307, 20.8825, 39.1705** is the 20% darker color. If you saturate the color by 10%, you get **50.1976, 37.5932, 73.7184**, and if you desaturate by 10%, it is **58.8928, 53.4285, 76.3167**.

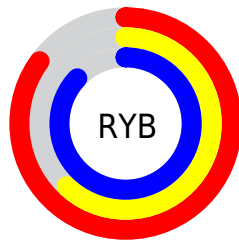
Distribution



Red (85%)

Green (62%)

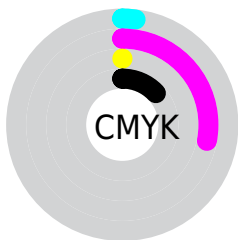
Blue (87%)



Red (85%)

Yellow (62%)

Blue (87%)

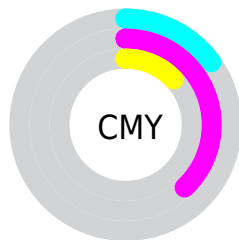


Cyan (2%)

Magenta (28%)

Yellow (0%)

Black (13%)



Cyan (15%)


Magenta (38%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1982, 44.8219, 74.9022 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 54.1982, 44.8219, 74.9022 by changing the saturation by 10% instead.


 54.1982, 44.8219,
74.9022


 54.1982, 44.8219,
74.9022


393.0514,
366.0518, 496.8278

 38.9914, 31.3172,
55.0315


 95.5204, 82.4531,
127.9197

 26.9338, 20.8405,
39.0282


 122.3665,
107.3483, 161.9037

 17.6598, 13.0074,
26.4737


153.8232,
136.8092, 201.4291

 10.8042, 7.4337,
16.9494

190.2557,
171.2201, 246.9146

 6.0017, 3.7348,
10.0368

232.0294,
210.9654, 298.7787

 2.8868, 1.5263,
5.3175

279.5097,

 1.0942, 0.3072,

256.4295, 357.4399

2.3727

333.0619,
307.9968, 423.3167

■ 0.0202, 0.0000,
0.7715

■ 0.0000, 0.0000,
0.0000

■ 54.1982, 44.8219,
74.9022

■ 54.1982, 44.8219,
74.9022

■ 50.1976, 37.5932,
73.7184

■ 58.8928, 53.4285,
76.3167

■ 46.8501, 31.6632,
72.7503

■ 64.3111, 63.4751,
77.9703

■ 44.1168, 26.9534,
71.9852

■ 70.4862, 75.0271,
79.8746

■ 41.9532, 23.3748,
71.4085

■ 77.4481, 88.1442,
82.0395

40.3086, 20.8260,
71.0032

80.2496, 92.9321,
82.8160

39.1233, 19.1876,
70.7495

80.8044, 93.2181,
82.8420

38.3095, 18.2843,
70.6180

81.3649, 93.5071,
82.8682

38.1918, 18.1655,
70.6013

81.9310, 93.7989,
82.8947

82.5029, 94.0937,
82.9215

Harmonies

Analogous

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



48.1518, 44.8219, 92.4602



54.1982, 44.8219, 74.9022



57.1779, 44.8219, 53.0933

Triad

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



54.1982, 44.8219, 74.9022



44.0745, 44.8219, 19.9650



31.5825, 44.8219, 65.6974

Complementary

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



54.1982, 44.8219, 74.9022



47.6907, 62.6394, 42.3801

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.



30.7409, 44.8219, 44.7511



54.1982, 44.8219, 74.9022



37.4957, 44.8219, 21.6462

Square

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



54.1982, 44.8219, 74.9022



50.9404, 44.8219, 24.1632



32.7902, 44.8219, 29.6035



35.2269, 44.8219, 86.2215

Rectangle

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



54.1982, 44.8219, 74.9022



56.8180, 44.8219, 40.3597



32.7902, 44.8219, 29.6035



30.9799, 44.8219, 58.3496

Sweetspot

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



54.1996, 44.8238, 74.9032



87.4938, 85.8776, 106.5724



40.8050, 39.2875, 74.5405



18.4831, 17.9270, 22.7360



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.



54.1996, 44.8238, 74.9032



70.8618, 55.3144, 101.5497



52.4591, 44.3019, 57.8633



14.1821, 13.8774, 17.3188



22.7290, 10.8125, 41.9374



1.6077, 0.7661, 2.9084

Inverse Universe

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



49.2247, 43.0082, 40.8310



63.0537, 52.4784, 47.4566



49.2043, 63.1280, 55.6308



13.7512, 13.7181, 14.4598



17.9722, 9.2559, 1.2535



1.2613, 0.6478, 0.1690

Previews

White Background



This preview shows how the XYZ color 54.1982, 44.8219, 74.9022 looks on a white background.

Color Contrast Check

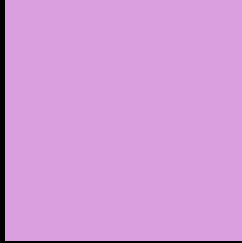
Large Text (above 18pt) WCAG AA × Fail

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 54.1982, 44.8219, 74.9022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

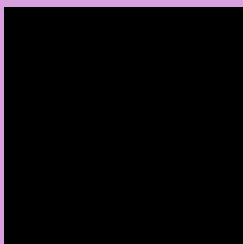
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1982, 44.8219, 74.9022

Background



This preview shows how black text looks on a background with the XYZ color 54.1982, 44.8219, 74.9022.



This preview shows how white text looks on a background with the XYZ color 54.1982, 44.8219,

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

54.1982, 44.8219, 74.9022

Protanopia

45.8218, 45.2290, 84.9123

Deuteranopia

46.0207, 45.0045, 73.2790



Tritanopia

48.9209, 44.7816, 49.2453

Trichromacy



Original Color

54.1982, 44.8219, 74.9022



Protanomaly

48.1861, 44.5299, 80.9184



Deuteranomaly

48.5921, 44.6196, 73.7615



Tritanomaly

50.5664, 44.6372, 57.5805

Monochromacy



Original Color

54.1982, 44.8219, 74.9022



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.2880, 46.4729, 59.8512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1982, 44.8219, 74.9022 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(217, 159, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 159, 222)  
}
```

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(217, 159, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 159, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.1982, 44.8219, 74.9022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

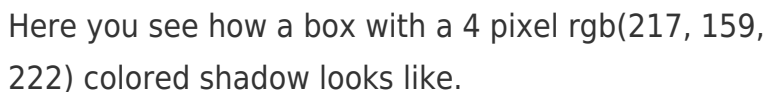
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 159, 222) }
```


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

```
.border{ border-color:rgb(217, 159, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 159, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 159, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 159, 222); box-shadow:4px 4px 4px 4px rgb(217, 159, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1982, 44.8219, 74.9022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 159, 222) }
```

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

```
.background{ background-color: rgb(217,  
159, 222) }
```

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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