

Converting Colors

XYZ(54.5482, 44.7041, 74.0602)

Have a look what the booklet for
XYZ(54.5482, 44.7041, 74.0602)
contains.

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Color

**XYZ(54.4914, 44.7342,
74.1692)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9EDD
RGB	219, 158, 221
RGB Percent	86%, 62%, 87%
CMY	0.1412, 0.3804, 0.1333
CMYK	0.01, 0.29, 0.00, 0.13
HSL	298°, 48%, 74%
HSV	298°, 29%, 87%
XYZ	54.4914, 44.7342, 74.1692
YIQ	183.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

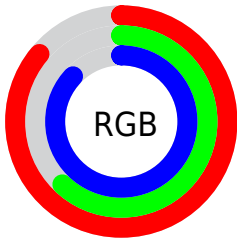
Format	Color
R_{YB}	219, 158, 221
Decimal	14393053
CIE _{Lab}	72.72, 32.97, -23.02
CIE _{LCh}	73, 40.208, 325.081
Yxy	44.7342, 0.3143, 0.2580
Android (android.graphics.Color)	4292583133 (0xFFDB9EDD)
YUV	183.4210, 18.5264, 31.2028
Hunter-Lab	66.8836, 28.3811, -18.9299

Details

The XYZ color **54.4914, 44.7342, 74.1692** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.5267, 61.6562, 41.7985**, and the grayscale version is **45.1372, 47.4879, 51.7143**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **27.1412, 20.8478, 38.6699** is the 20% darker color. If you saturate the color by 10%, you get **50.8453, 37.7537, 73.0147**, and if you desaturate by 10%, it is **58.8191, 53.0747, 75.5516**.

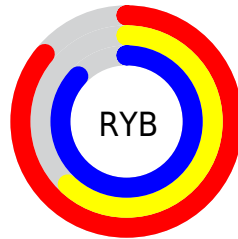
Distribution



Red (86%)

Green (62%)

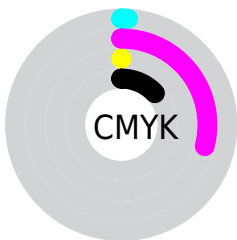
Blue (87%)



Red (86%)

Yellow (62%)

Blue (87%)

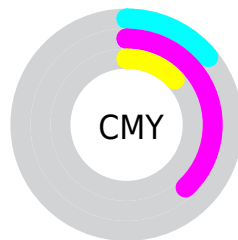


Cyan (1%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (14%)


Magenta (38%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4914, 44.7342, 74.1692 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 54.4914, 44.7342, 74.1692 by changing the saturation by 10% instead.


 54.4914, 44.7342,
74.1692


 54.4914, 44.7342,
74.1692


394.1489,
365.6960, 494.2361

 39.2269, 31.2481,
54.4349

 95.9481, 82.3214,
126.8719

 27.1178, 20.7879,
38.5539


 122.8709,
107.1913, 160.6774

 17.7988, 12.9690,
26.1077


154.4106,
136.6246, 200.0103

 10.9044, 7.4072,
16.6778

190.9325,
171.0057, 245.2893

 6.0694, 3.7181,
9.8455

232.8019,
210.7190, 296.9328

 2.9284, 1.5171,
5.1924

280.3842,

 1.1160, 0.3007,

256.1489, 355.3594

2.2999

334.0448,
307.6798, 420.9877

■ 0.0384, 0.0000,
0.7311

■ 0.0000, 0.0000,
0.0000

■ 54.4914, 44.7342,
74.1692

■ 54.4914, 44.7342,
74.1692

■ 50.8453, 37.7537,
73.0147

■ 58.8191, 53.0747,
75.5516

■ 47.8401, 32.0547,
72.0730

■ 63.8577, 62.8366,
77.1703

■ 45.4376, 27.5596,
71.3320

■ 69.6400, 74.0847,
79.0367

■ 43.5935, 24.1802,
70.7769

■ 76.1956, 86.8780,
81.1605

42.2577, 21.8161,
70.3910

79.0916, 92.3506,
82.0642

41.3711, 20.3489,
70.1545

79.3075, 92.4619,
82.0743

40.8453, 19.6021,
70.0381

79.5244, 92.5737,
82.0844

40.7789, 19.5146,
70.0247

79.7421, 92.6860,
82.0946

79.9608, 92.7987,
82.1049

Harmonies

Analogous

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



48.4612, 44.7342, 92.4371



54.4914, 44.7342, 74.1692



57.3300, 44.7342, 52.0760

Triad

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



54.4914, 44.7342, 74.1692



43.6788, 44.7342, 19.5860



31.4912, 44.7342, 66.8725

Complementary

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



54.4914, 44.7342, 74.1692



46.5267, 61.6562, 41.7985

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.



30.5068, 44.7342, 45.4883



54.4914, 44.7342, 74.1692



37.0827, 44.7342, 21.5440

Square

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



54.4914, 44.7342, 74.1692



50.6671, 44.7342, 23.5130



32.4420, 44.7342, 29.8634



35.2941, 44.7342, 87.4803

Rectangle

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



54.4914, 44.7342, 74.1692



56.8279, 44.7342, 39.3816



32.4420, 44.7342, 29.8634



30.8387, 44.7342, 59.4014

Sweetspot

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



54.4928, 44.7362, 74.1702



87.8932, 86.0835, 106.5910



39.7417, 37.6680, 73.5833



18.5823, 17.9781, 22.7407



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.



54.4928, 44.7362, 74.1702



72.3429, 56.0780, 101.6190



51.5172, 43.6158, 55.3422



13.5714, 13.2527, 16.4949



23.7080, 11.3461, 40.6789



1.5490, 0.7418, 2.6360

Inverse Universe

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



48.3923, 42.3659, 38.8865



62.6537, 52.3184, 45.3503



48.9711, 62.5881, 56.7399



13.0727, 13.0582, 13.6441



17.3523, 8.9420, 0.9694



1.1302, 0.5817, 0.0945

Previews

White Background



This preview shows how the XYZ color 54.4914, 44.7342, 74.1692 looks on a white background.

Color Contrast Check

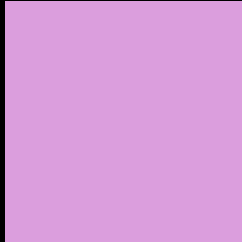
Large Text (above 18pt) WCAG AA × Fail

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 54.4914, 44.7342, 74.1692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

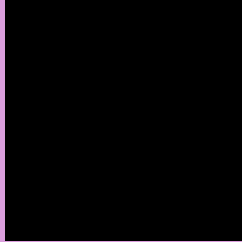
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4914, 44.7342, 74.1692

Background



This preview shows how black text looks on a background with the XYZ color 54.4914, 44.7342, 74.1692.



This preview shows how white text looks on a background with the XYZ color 54.4914, 44.7342,

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

54.4914, 44.7342, 74.1692

Protanopia

45.6777, 45.1713, 84.1534

Deuteranopia

46.1163, 45.0690, 72.5983



Tritanopia

49.2135, 44.6732, 48.6768

Trichromacy



Original Color

54.4914, 44.7342, 74.1692



Protanomaly

48.0460, 44.4739, 80.1808



Deuteranomaly

48.7124, 44.6969, 73.0778



Tritanomaly

50.8591, 44.5365, 56.9548

Monochromacy



Original Color

54.4914, 44.7342, 74.1692



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

47.9790, 46.0391, 59.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4914, 44.7342, 74.1692 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(219, 158, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 221)  
}
```

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(219, 158, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.4914, 44.7342, 74.1692 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(219, 158, 221) }
```


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

```
.border{ border-color:rgb(219, 158, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 158, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4914, 44.7342, 74.1692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 158, 221) }
```

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

```
.background{ background-color: rgb(219,  
158, 221) }
```

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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