

Converting Colors

XYZ(54.5742, 44.8226, 73.3157)

Have a look what the booklet for
XYZ(54.5742, 44.8226, 73.3157)
contains.

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Color

**XYZ(54.6603, 44.8367,
73.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9EDC
RGB	220, 158, 220
RGB Percent	86%, 62%, 86%
CMY	0.1372, 0.3804, 0.1373
CMYK	0.00, 0.28, 0.00, 0.14
HSL	300°, 47%, 74%
HSV	300°, 28%, 86%
XYZ	54.6603, 44.8367, 73.4836
YIQ	183.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

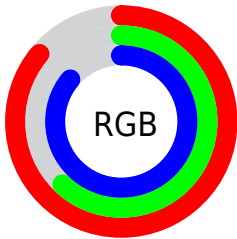
Format	Color
R _{YB}	220, 158, 220
Decimal	14458588
CIE Lab	72.78, 33.11, -22.35
CIE LCh	73, 39.947, 325.971
Yxy	44.8367, 0.3160, 0.2592
Android (android.graphics.Color)	4292648668 (0xFFDC9EDC)
YUV	183.6060, 17.9422, 31.9175
Hunter-Lab	66.9602, 28.5310, -18.1940

Details

The XYZ color **54.6603, 44.8367, 73.4836** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.8671, 60.9255, 41.6925**, and the grayscale version is **45.2417, 47.5978, 51.8340**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **27.2554, 20.9172, 38.1982** is the 20% darker color. If you saturate the color by 10%, you get **51.2388, 37.9929, 72.3435**, and if you desaturate by 10%, it is **58.7563, 53.0278, 74.8495**.

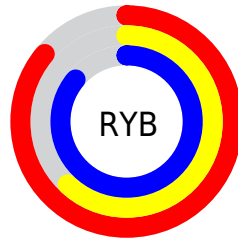
Distribution



Red (86%)

Green (62%)

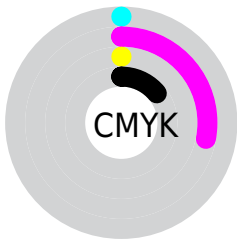
Blue (86%)



Red (86%)

Yellow (62%)

Blue (86%)

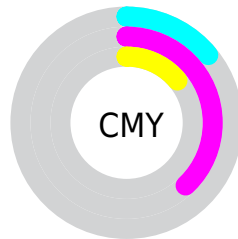


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6603, 44.8367, 73.4836 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 54.6603, 44.8367, 73.4836 by changing the saturation by 10% instead.

54.6603, 44.8367,
73.4836

54.6603, 44.8367,
73.4836

394.7803,
366.1118, 491.8048

39.3626, 31.3288,
53.8773

96.1943, 82.4753,
125.8908

27.2239, 20.8494,
38.1110

123.1613,
107.3748, 159.5287

17.8789, 13.0139,
25.7664

154.7487,
136.8403, 198.6809

10.9622, 7.4381,
16.4247

191.3220,
171.2563, 243.7659

6.1086, 3.7376,
9.6676

233.2464,
211.0070, 295.2022

2.9525, 1.5279,
5.0764

280.8874,

1.1287, 0.3082,

256.4769, 353.4085

2.2327

334.6102,
308.0503, 418.8032

■ 0.0489, 0.0000,
0.6931

■ 0.0000, 0.0000,
0.0000

■ 54.6603, 44.8367,
73.4836

■ 54.6603, 44.8367,
73.4836

■ 51.2388, 37.9929,
72.3435

■ 58.7563, 53.0278,
74.8495

■ 48.4518, 32.4189,
71.4145

■ 63.5558, 62.6268,
76.4494

■ 46.2615, 28.0383,
70.6843

■ 69.0911, 73.6975,
78.2946

■ 44.6244, 24.7641,
70.1385

■ 75.3915, 86.2982,
80.3948

43.4910, 22.4974,
69.7607

78.1940, 91.9032,
81.3290

42.8034, 21.1221,
69.5314

78.1941, 91.9032,
81.3291

42.4773, 20.4701,
69.4226

78.1941, 91.9032,
81.3291

42.4339, 20.3832,
69.4081

78.1941, 91.9032,
81.3292

78.1941, 91.9032,
81.3293

Harmonies

Analogous

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



48.7313, 44.8367, 91.8717



54.6603, 44.8367, 73.4836



57.3626, 44.8367, 51.5546

Triad

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



54.6603, 44.8367, 73.4836



43.5605, 44.8367, 19.7575



31.7089, 44.8367, 67.5422

Complementary

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



54.6603, 44.8367, 73.4836



45.8671, 60.9255, 41.6925

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.



30.6416, 44.8367, 46.1830



54.6603, 44.8367, 73.4836



37.0349, 44.8367, 21.8899

Square

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



54.6603, 44.8367, 73.4836



50.5289, 44.8367, 23.5011



32.4852, 44.8367, 30.4025



35.5755, 44.8367, 87.8388

Rectangle

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



54.6603, 44.8367, 73.4836



56.7768, 44.8367, 39.0404



32.4852, 44.8367, 30.4025



31.0302, 44.8367, 60.1089

Sweetspot

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



54.6617, 44.8387, 73.4846



88.8839, 87.6679, 106.8446



39.2477, 36.8925, 72.7634



18.7928, 18.3004, 22.7918



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.



54.6617, 44.8387, 73.4846



73.3480, 56.5961, 101.6657



50.9290, 43.3456, 53.8282



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7344



1.6134, 0.7750, 2.6390

Inverse Universe

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



54.6617, 44.8387, 73.4846



73.3480, 56.5961, 101.6657



48.8807, 62.1309, 57.5621



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7344



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 54.6603, 44.8367, 73.4836 looks on a white background.

Color Contrast Check

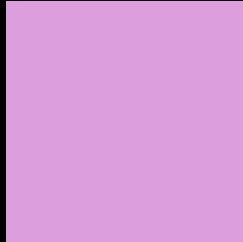
Large Text (above 18pt) WCAG AA × Fail

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 54.6603, 44.8367, 73.4836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

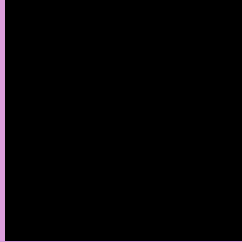
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6603, 44.8367, 73.4836

Background



This preview shows how black text looks on a background with the XYZ color 54.6603, 44.8367, 73.4836.



This preview shows how white text looks on a background with the XYZ color 54.6603, 44.8367,

73.4836.

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

54.6603, 44.8367, 73.4836

Protanopia

45.7400, 45.2200, 83.4084

Deuteranopia

45.9858, 45.0168, 71.9110



Tritanopia

49.5045, 44.8233, 48.6904

Trichromacy



Original Color

54.6603, 44.8367, 73.4836



Protanomaly

48.1455, 44.5412, 79.4586



Deuteranomaly

48.8352, 44.7753, 72.3983



Tritanomaly

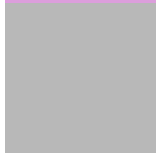
51.1537, 44.6884, 56.9686

Monochromacy



Original Color

54.6603, 44.8367, 73.4836



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.4340, 46.5615, 59.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6603, 44.8367, 73.4836 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(220, 158, 220)` looks like.

```
.text, #text, p{  
    color:rgb(220, 158, 220)  
}
```

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(220, 158, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 158, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.6603, 44.8367, 73.4836 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(220, 158, 220) }
```


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

```
.border{ border-color:rgb(220, 158, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 158, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 158, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 158, 220);  
box-shadow:4px 4px 4px 4px rgb(220, 158,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6603, 44.8367, 73.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 158, 220) }
```

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

```
.background{ background-color: rgb(220,  
158, 220) }
```

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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