

Converting Colors

XYZ(53.8059, 44.2359, 67.7810)

Have a look what the booklet for
XYZ(53.8059, 44.2359, 67.7810)
contains.

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Color

**XYZ(53.7594, 44.2396,
67.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9DD4
RGB	221, 157, 212
RGB Percent	87%, 62%, 83%
CMY	0.1333, 0.3843, 0.1686
CMYK	0.00, 0.29, 0.04, 0.13
HSL	308°, 48%, 74%
HSV	308°, 29%, 87%
XYZ	53.7594, 44.2396, 67.9930
YIQ	182.4060, 20.4890, 30.6730

Conversions

Conversions Part 2

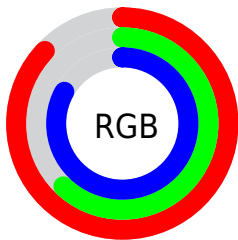
Format	Color
R _Y B	221, 157, 212
Decimal	14523860
CIE Lab	72.39, 32.52, -18.55
CIE LCh	72, 37.437, 330.289
Yxy	44.2396, 0.3239, 0.2665
Android (android.graphics.Color)	4292713940 (0xFFDD9DD4)
YUV	182.4060, 14.5898, 33.8469
Hunter-Lab	66.5129, 27.8762, -14.0504

Details

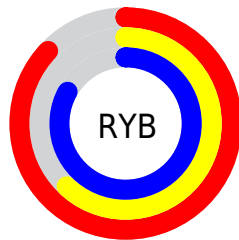
The XYZ color **53.7594, 44.2396, 67.9930** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.6458, 61.6355, 45.5173**, and the grayscale version is **44.6010, 46.9237, 51.0999**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **26.6544, 20.5368, 34.4574** is the 20% darker color. If you saturate the color by 10%, you get **49.9652, 37.2720, 64.8128**, and if you desaturate by 10%, it is **58.2401, 52.5667, 71.4402**.

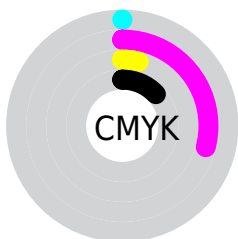
Distribution



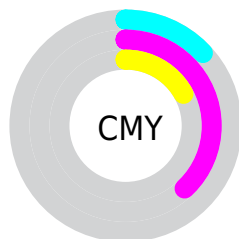
- Red (87%)
- Green (62%)
- Blue (83%)



- Red (87%)
- Yellow (62%)
- Blue (83%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (13%)





- Cyan (13%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7594, 44.2396, 67.9930 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 53.7594, 44.2396, 67.9930 by changing the saturation by 10% instead.


 53.7594, 44.2396,
67.9930


 53.7594, 44.2396,
67.9930


391.4052,
363.6851, 472.0686

 38.6392, 30.8589,
49.4254


 94.8799, 81.5782,
117.9962

 26.6587, 20.4914,
34.5891


 121.6109,
106.3048, 150.2690

 17.4523, 12.7528,
23.0655


152.9429,
135.5823, 187.9471

 10.6548, 7.2585,
14.4361

189.2412,
169.7949, 231.4493

 5.9008, 3.6243,
8.2824

230.8713,
209.3271, 281.1940

 2.8249, 1.4657,
4.1858

278.1984,

 1.0619, 0.2644,

254.5633, 337.5997

1.7278

331.5879,
305.8878, 401.0851

■ 0.0000, 0.0000,
0.3797

■ 0.0000, 0.0000,
0.0000

■ 53.7594, 44.2396,
67.9930

■ 53.7594, 44.2396,
67.9930

■ 49.9652, 37.2720,
64.8128

■ 58.2401, 52.5667,
71.4402

■ 46.8170, 31.5849,
61.8845

■ 63.4370, 62.3148,
75.1632

■ 44.2760, 27.1005,
59.1954

■ 69.3830, 73.5489,
79.1735

■ 42.2980, 23.7301,
56.7306

■ 76.1078, 86.3283,
83.4812

40.8323, 21.3725,
54.4730

79.5191, 92.4683,
86.7224

39.8192, 19.9084,
52.4025

79.9534, 92.6420,
89.0097

39.1651, 19.1507,
50.4876

80.3956, 92.8189,
91.3379

39.1047, 19.0865,
50.2925

80.8455, 92.9989,
93.7074

81.3034, 93.1820,
96.1183

Harmonies

Analogous

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



48.6153, 44.2396, 85.7854



53.7594, 44.2396, 67.9930



55.7017, 44.2396, 47.9904

Triad

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



53.7594, 44.2396, 67.9930



41.9858, 44.2396, 20.6766



32.2275, 44.2396, 68.3845

Complementary

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



53.7594, 44.2396, 67.9930



46.6458, 61.6355, 45.5173

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.



30.8311, 44.2396, 48.3489



53.7594, 44.2396, 67.9930



36.1012, 44.2396, 23.5583

Square

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



53.7594, 44.2396, 67.9930



48.4959, 44.2396, 23.4472



32.1751, 44.2396, 32.6302



36.1993, 44.2396, 86.0490

Rectangle

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



53.7594, 44.2396, 67.9930



54.7793, 44.2396, 36.8783



32.1751, 44.2396, 32.6302



31.4606, 44.2396, 61.5578

Sweetspot

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



53.7608, 44.2416, 67.9939



87.6453, 86.0152, 103.8897



40.7384, 37.3934, 73.4779



18.5208, 17.9612, 22.0699



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.



53.7608, 44.2416, 67.9939



70.9252, 54.8794, 91.2124



50.1632, 42.8025, 49.0495



13.5315, 13.2417, 16.0602



22.7481, 11.1003, 29.3831



1.4958, 0.7280, 2.0200

Inverse Universe

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



53.7608, 44.2416, 67.9939



70.9252, 54.8794, 91.2124



49.9020, 62.9379, 62.6640



13.5315, 13.2417, 16.0602



22.7481, 11.1003, 29.3831



1.4958, 0.7280, 2.0200

Previews

White Background



This preview shows how the XYZ color 53.7594, 44.2396, 67.9930 looks on a white background.

Color Contrast Check

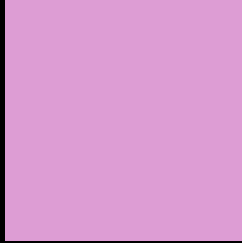
Large Text (above 18pt) WCAG AA × Fail

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 53.7594, 44.2396, 67.9930 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 53.7594, 44.2396, 67.9930

Background



This preview shows how black text looks on a background with the XYZ color 53.7594, 44.2396, 67.9930.



This preview shows how white text looks on a background with the XYZ color 53.7594, 44.2396,

67.9930.

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

53.7594, 44.2396, 67.9930

Protanopia

44.8418, 44.5939, 77.4782

Deuteranopia

45.4671, 44.5789, 66.5298



Tritanopia

49.4308, 44.2844, 47.0168

Trichromacy



Original Color

53.7594, 44.2396, 67.9930



Protanomaly

47.3559, 43.9823, 73.7037



Deuteranomaly

48.1412, 44.2605, 66.9786



Tritanomaly

50.8436, 44.0693, 53.9706

Monochromacy



Original Color

53.7594, 44.2396, 67.9930



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.3342, 45.4732, 56.7345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7594, 44.2396, 67.9930 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(221, 157, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 157, 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(221, 157, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 157, 212) }
```

Border

The CSS property to change the border of an element to XYZ 53.7594, 44.2396, 67.9930 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(221, 157, 212) }
```


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

```
.border{ border-color:rgb(221, 157, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 157, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 157, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 157, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 157,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7594, 44.2396, 67.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 157, 212) }
```

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

```
.background{ background-color: rgb(221,  
157, 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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