

Converting Colors

XYZ(45.4780, 37.7452, 74.0885)

Have a look what the booklet for
XYZ(45.4780, 37.7452, 74.0885)
contains.

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Color

**XYZ(45.5129, 37.6602,
73.9776)**

Conversions

Conversions Part 1

Format	Color
Hex	C094DE
RGB	192, 148, 222
RGB Percent	75%, 58%, 87%
CMY	0.2471, 0.4196, 0.1294
CMYK	0.14, 0.33, 0.00, 0.13
HSL	276°, 53%, 73%
HSV	276°, 33%, 87%
XYZ	45.5129, 37.6602, 73.9776
YIQ	169.5920, 2.4700, 32.3420

Conversions

Conversions Part 2

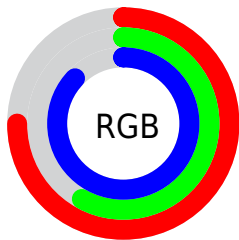
Format	Color
RYB	192, 148, 222
Decimal	12621022
CIELab	67.77, 30.10, -31.39
CIELCh	68, 43.490, 313.793
Yxy	37.6602, 0.2896, 0.2396
Android (android.graphics.Color)	4290811102 (0xFFC094DE)
YUV	169.5920, 25.8371, 19.6518
Hunter-Lab	61.3679, 24.9889, -28.5152

Details

The XYZ color **45.5129, 37.6602, 73.9776** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8279, 63.8466, 37.7161**, and the grayscale version is **37.8814, 39.8542, 43.4013**.

A 20% lighter version of the original color is **78.2375, 69.6008, 103.9185**, and **21.5663, 16.6578, 38.6378** is the 20% darker color. If you saturate the color by 10%, you get **40.1496, 30.2131, 72.8234**, and if you desaturate by 10%, it is **51.6859, 46.5178, 75.3625**.

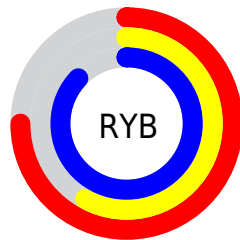
Distribution



Red (75%)

Green (58%)

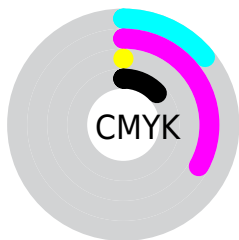
Blue (87%)



Red (75%)

Yellow (58%)

Blue (87%)

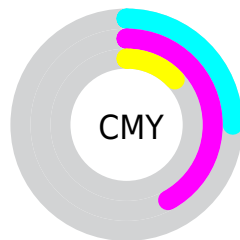


Cyan (14%)

Magenta (33%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (42%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5129, 37.6602, 73.9776 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 45.5129, 37.6602, 73.9776 by changing the saturation by 10% instead.

45.5129, 37.6602,
73.9776

45.5129, 37.6602,
73.9776

359.5957,
336.1601, 493.5574

32.0646, 25.7191,
54.2790

82.7219, 71.5870,
126.5978

21.5666, 16.6136,
38.4301

107.2133, 94.3415,
160.3565

13.6536, 9.9594,
26.0122

136.1164,
121.4692, 199.6390

7.9602, 5.3720,
16.6070

169.7966,
153.3545, 244.8639

4.1211, 2.4672,
9.7957

208.6193,
190.3819, 296.4496

1.7709, 0.8601,
5.1599

252.9498,

0.5000, 0.0000,

232.9357, 354.8147

2.2810

303.1535,
281.4003, 420.3778

■ 0.0000, 0.0000,
0.7205

■ 0.0000, 0.0000,
0.0000

■ 45.5129, 37.6602,
73.9776

■ 45.5129, 37.6602,
73.9776

■ 40.1496, 30.2131,
72.8234

■ 51.6859, 46.5178,
75.3625

■ 35.5514, 24.0939,
71.8847

■ 58.7024, 56.8530,
76.9876

■ 31.6748, 19.2185,
71.1479

■ 66.5988, 68.7340,
78.8647

■ 28.4699, 15.4909,
70.5974

■ 75.4082, 82.2235,
81.0041

■ 25.8794, 12.8005,
70.2146

■ 83.8708, 94.7989,
82.9854

■ 23.8344, 11.0134,
69.9774

■ 86.9519, 96.3873,
83.1296

■ 22.7006, 10.1795,
69.8762

■ 90.1849, 98.0540,
83.2809

Harmonies

Analogous

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



38.9680, 37.6602, 88.5255



45.5129, 37.6602, 73.9776



49.7070, 37.6602, 52.2377

Triad

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



45.5129, 37.6602, 73.9776



39.5277, 37.6602, 14.7290



24.6457, 37.6602, 50.4862

Complementary

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



45.5129, 37.6602, 73.9776



49.8279, 63.8466, 37.7161

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.



24.7559, 37.6602, 31.5112



45.5129, 37.6602, 73.9776



32.7989, 37.6602, 14.5259

Square

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



45.5129, 37.6602, 73.9776



45.9666, 37.6602, 20.3412



27.5691, 37.6602, 19.6575



27.2466, 37.6602, 72.3542

Rectangle

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



45.5129, 37.6602, 73.9776



50.3139, 37.6602, 38.6036



27.5691, 37.6602, 19.6575



24.3780, 37.6602, 43.5051

Sweetspot

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



45.5142, 37.6618, 73.9784



83.7462, 82.8875, 106.1927



41.4857, 43.7448, 75.3649



17.6066, 17.2644, 22.6543



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.



45.5142, 37.6618, 73.9784



57.0702, 44.2457, 100.1401



53.0883, 41.6601, 70.0967



13.7295, 13.6441, 17.2976



13.6125, 6.1128, 41.5108



1.0441, 0.4756, 2.8820

Inverse Universe

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



48.7512, 39.9253, 47.2580



62.4084, 47.9533, 57.2130



44.1819, 60.8781, 40.0684



13.9364, 13.7922, 15.4352



19.0412, 9.6835, 6.8828



1.3634, 0.6886, 0.7063

Previews

White Background



This preview shows how the XYZ color 45.5129, 37.6602, 73.9776 looks on a white background.

Color Contrast Check

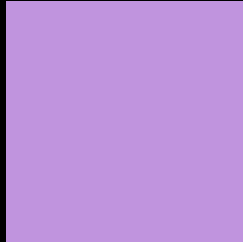
Large Text (above 18pt) WCAG AA × Fail

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 45.5129, 37.6602, 73.9776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

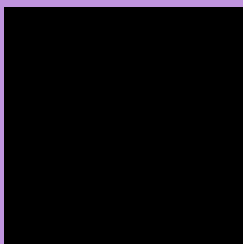
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5129, 37.6602, 73.9776

Background



This preview shows how black text looks on a background with the XYZ color 45.5129, 37.6602, 73.9776.



This preview shows how white text looks on a background with the XYZ color 45.5129, 37.6602,

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

45.5129, 37.6602, 73.9776

Protanopia

39.2762, 37.9745, 83.1016

Deuteranopia

38.8323, 37.9843, 72.3028



Tritanopia

39.3447, 37.5843, 43.7089

Trichromacy



Original Color

45.5129, 37.6602, 73.9776

Protanomaly

41.2077, 37.7440, 79.9763

Deuteranomaly

41.0815, 37.8365, 72.8481

Tritanomaly

41.3434, 37.3937, 53.7539

Monochromacy



Original Color

45.5129, 37.6602, 73.9776

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4657, 38.9798, 53.5352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5129, 37.6602, 73.9776 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(192, 148, 222)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 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(192, 148, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 222) }
```

Border

The CSS property to change the border of an element to XYZ 45.5129, 37.6602, 73.9776 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(192, 148, 222) }
```


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

```
.border{ border-color:rgb(192, 148, 222) }
```

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

Here you see how a box with a 4 pixel rgb(192, 148, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 222);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5129, 37.6602, 73.9776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 222) }
```

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

```
.background{ background-color: rgb(192,  
148, 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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