

Converting Colors

XYZ(52.6758, 44.9969, 74.9112)

Have a look what the booklet for
XYZ(52.6758, 44.9969, 74.9112)
contains.

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Color

**XYZ(52.8604, 45.1700,
75.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A3DE
RGB	210, 163, 222
RGB Percent	82%, 64%, 87%
CMY	0.1765, 0.3608, 0.1294
CMYK	0.05, 0.27, 0.00, 0.13
HSL	288°, 47%, 75%
HSV	288°, 27%, 87%
XYZ	52.8604, 45.1700, 75.0399
YIQ	183.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

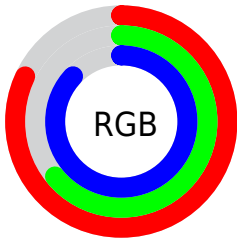
Format	Color
R _Y B	210, 163, 222
Decimal	13804510
CIE Lab	73.00, 27.55, -23.21
CIE LCh	73, 36.018, 319.887
Yxy	45.1700, 0.3054, 0.2610
Android (android.graphics.Color)	4291994590 (0xFFD2A3DE)
YUV	183.7790, 18.8430, 22.9958
Hunter-Lab	67.2086, 22.7773, -19.1525

Details

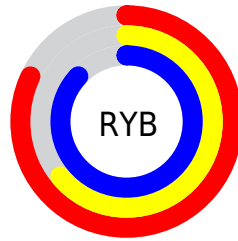
The XYZ color **52.8604, 45.1700, 75.0399** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.4129, 64.0020, 44.3491**, and the grayscale version is **45.3352, 47.6962, 51.9411**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **26.1771, 21.1275, 39.2575** is the 20% darker color. If you saturate the color by 10%, you get **47.9923, 37.3146, 73.7809**, and if you desaturate by 10%, it is **58.4595, 54.4317, 76.5332**.

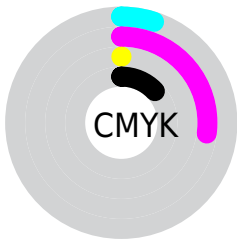
Distribution



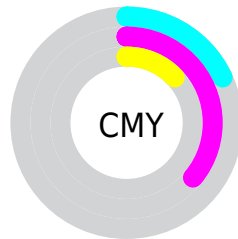
- Red (82%)
- Green (64%)
- Blue (87%)



- Red (82%)
- Yellow (64%)
- Blue (87%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)





- Cyan (18%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8604, 45.1700, 75.0399 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 52.8604, 45.1700, 75.0399 by changing the saturation by 10% instead.


 52.8604, 45.1700,
75.0399


 52.8604, 45.1700,
75.0399


388.0189,
367.4616, 497.3138

 37.9184, 31.5913,
55.1437

 93.5657, 82.9755,
128.1165

 26.0963, 21.0496,
39.1174


 120.0596,
107.9711, 162.1338

 17.0287, 13.1602,
26.5425


151.1349,
137.5411, 201.6954

 10.3504, 7.5390,
17.0005

187.1569,
172.0700, 247.2195

 5.6959, 3.8014,
10.0729

228.4909,
211.9420, 299.1249

 2.7000, 1.5631,
5.3411

275.5024,

 0.9972, 0.3325,

257.5418, 357.8301

2.3865

328.5566,
309.2535, 423.7535

■ 0.0000, 0.0000,
0.7791

■ 0.0000, 0.0000,
0.0000

■ 52.8604, 45.1700,
75.0399

■ 52.8604, 45.1700,
75.0399

■ 47.9923, 37.3146,
73.7809

■ 58.4595, 54.4317,
76.5332

■ 43.8145, 30.7872,
72.7412

■ 64.8191, 65.1612,
78.2690

■ 40.2886, 25.5107,
71.9086

■ 71.9724, 77.4231,
80.2587

■ 37.3706, 21.3976,
71.2684

■ 79.9490, 91.2767,
82.5123

■ 35.0109, 18.3489,
70.8044

■ 82.4116, 94.0467,
82.9172

■ 33.1514, 16.2489,
70.4970

■ 83.9012, 94.8146,
82.9869

■ 31.7183, 14.9508,
70.3220

■ 85.4287, 95.6020,
83.0584

■ 31.2819, 14.6033,
70.2779

■ 86.9945, 96.4092,
83.1317

■ 88.5987, 97.2363,
83.2068

Harmonies

Analogous

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



47.1788, 45.1700, 89.4653



52.8604, 45.1700, 75.0399



55.9713, 45.1700, 55.5177

Triad

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



52.8604, 45.1700, 75.0399



45.0913, 45.1700, 22.3603



32.5360, 45.1700, 61.9281

Complementary

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



52.8604, 45.1700, 75.0399



50.4129, 64.0020, 44.3491

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.



32.0948, 45.1700, 43.3485



52.8604, 45.1700, 75.0399



38.9494, 45.1700, 23.2754

Square

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



52.8604, 45.1700, 75.0399



51.2046, 45.1700, 27.1671



34.3331, 45.1700, 30.0736



35.6034, 45.1700, 80.7060

Rectangle

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



52.8604, 45.1700, 75.0399



55.9812, 45.1700, 43.4727



34.3331, 45.1700, 30.0736



32.0879, 45.1700, 55.3714

Sweetspot

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



52.8618, 45.1719, 75.0409



87.3739, 86.8894, 106.7740



43.7738, 44.0283, 75.2991



18.4095, 18.1029, 22.7739



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.



52.8618, 45.1719, 75.0409



68.4659, 55.5078, 101.7133



54.2765, 46.1474, 63.9850



14.0077, 13.7875, 17.3107



18.6743, 8.7223, 41.7477



1.3643, 0.6406, 2.8970

Inverse Universe

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



50.9608, 44.8211, 46.5249



65.5543, 55.0183, 55.8778



49.4365, 63.3140, 52.6460



13.8207, 13.7459, 14.8258



18.2084, 9.3504, 2.4971



1.2942, 0.6610, 0.3423

Previews

White Background



This preview shows how the XYZ color 52.8604, 45.1700, 75.0399 looks on a white background.

Color Contrast Check

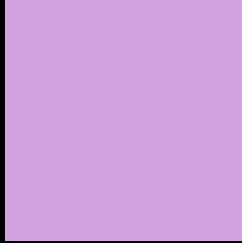
Large Text (above 18pt) WCAG AA × Fail

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 52.8604, 45.1700, 75.0399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

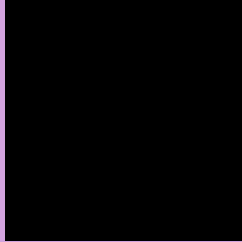
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8604, 45.1700, 75.0399

Background



This preview shows how black text looks on a background with the XYZ color 52.8604, 45.1700, 75.0399.



This preview shows how white text looks on a background with the XYZ color 52.8604, 45.1700,

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

52.8604, 45.1700, 75.0399

Protanopia

45.8047, 45.2698, 82.6677

Deuteranopia

46.5751, 45.5651, 74.0503



Tritanopia

47.8238, 45.0057, 50.9661

Trichromacy



Original Color

52.8604, 45.1700, 75.0399

Protanomaly

47.8122, 44.9302, 79.5512

Deuteranomaly

48.6003, 45.1651, 74.5628

Tritanomaly

49.3504, 44.7905, 58.8677

Monochromacy



Original Color

52.8604, 45.1700, 75.0399

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7107, 46.4653, 59.8802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8604, 45.1700, 75.0399 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(210, 163, 222)` looks like.

```
.text, #text, p{  
    color:rgb(210, 163, 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(210, 163, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 163, 222) }
```

Border

The CSS property to change the border of an element to XYZ 52.8604, 45.1700, 75.0399 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(210, 163, 222) }
```


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

```
.border{ border-color:rgb(210, 163, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 163, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 163, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 163, 222); box-shadow:4px 4px 4px 4px rgb(210, 163, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8604, 45.1700, 75.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 163, 222) }
```

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

```
.background{ background-color: rgb(210,  
163, 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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