

Converting Colors

XYZ(51.3925, 44.7244, 69.5682)

Have a look what the booklet for
XYZ(51.3925, 44.7244, 69.5682)
contains.

XYZ(51.4255, 44.8159, 69.5582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.4255, 44.8159,
69.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A4D6
RGB	208, 164, 214
RGB Percent	82%, 64%, 84%
CMY	0.1843, 0.3568, 0.1608
CMYK	0.03, 0.23, 0.00, 0.16
HSL	293°, 38%, 74%
HSV	293°, 23%, 84%
XYZ	51.4255, 44.8159, 69.5582
YIQ	182.8560, 10.1740, 24.8780

Conversions

Conversions Part 2

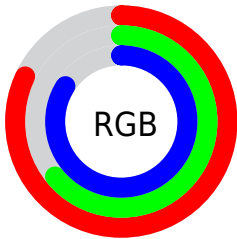
Format	Color
R _Y B	208, 164, 214
Decimal	13673686
CIE Lab	72.77, 24.80, -19.20
CIE LCh	73, 31.359, 322.252
Yxy	44.8159, 0.3102, 0.2703
Android (android.graphics.Color)	4291863766 (0xFFD0A4D6)
YUV	182.8560, 15.3540, 22.0513
Hunter-Lab	66.9447, 19.9668, -14.7434

Details

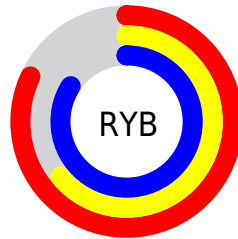
The XYZ color **51.4255, 44.8159, 69.5582** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.3265, 59.3206, 44.0799**, and the grayscale version is **44.8467, 47.1822, 51.3815**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **25.1890, 20.8638, 35.5004** is the 20% darker color. If you saturate the color by 10%, you get **47.1976, 37.4224, 68.3546**, and if you desaturate by 10%, it is **56.3123, 53.5080, 70.9791**.

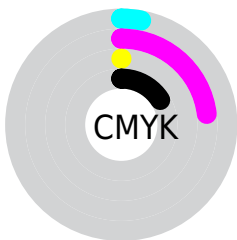
Distribution



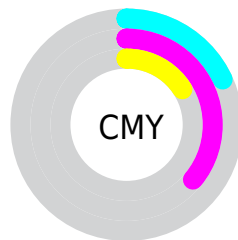
- Red (82%)
- Green (64%)
- Blue (84%)



- Red (82%)
- Yellow (64%)
- Blue (84%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (16%)




- Cyan (18%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4255, 44.8159, 69.5582 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 51.4255, 44.8159, 69.5582 by changing the saturation by 10% instead.


 51.4255, 44.8159,
69.5582


 51.4255, 44.8159,
69.5582

382.5752,
366.0274, 477.7444

 36.7698, 31.3124,
50.6919


 91.4627, 82.4441,
120.2537

 25.2021, 20.8369,
35.5884


 117.5748,
107.3376, 152.9199

 16.3573, 13.0048,
23.8293


148.2365,
136.7966, 191.0232

 9.8698, 7.4319,
14.9960

183.8131,
171.2054, 234.9821

 5.3743, 3.7336,
8.6700

224.6699,
210.9486, 285.2151

 2.5055, 1.5257,
4.4327

271.1722,

 0.8980, 0.3067,

256.4103, 342.1408

1.8656

323.6856,
307.9752, 406.1777

■ 0.0000, 0.0000,
0.4707

■ 0.0000, 0.0000,
0.0000

■ 51.4255, 44.8159,
69.5582

■ 51.4255, 44.8159,
69.5582

■ 47.1976, 37.4224,
68.3546

■ 56.3123, 53.5080,
70.9791

■ 43.5920, 31.2573,
67.3547

■ 61.8838, 63.5530,
72.6243

■ 40.5752, 26.2524,
66.5476

■ 68.1695, 75.0089,
74.5042

■ 38.1084, 22.3306,
65.9206

■ 75.1960, 87.9288,
76.6276

36.1486, 19.4054,
65.4593

77.6682, 91.7223,
77.2296

34.6456, 17.3772,
65.1471

78.4554, 92.1281,
77.2664

33.5392, 16.1252,
64.9637

79.2546, 92.5402,
77.3038

32.9560, 15.5873,
64.8906

80.0659, 92.9584,
77.3418

80.8892, 93.3828,
77.3803

Harmonies

Analogous

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



46.6864, 44.8159, 82.1539



51.4255, 44.8159, 69.5582



53.8391, 44.8159, 52.9532

Triad

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



51.4255, 44.8159, 69.5582



44.0237, 44.8159, 24.7023



33.6198, 44.8159, 61.0590

Complementary

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



51.4255, 44.8159, 69.5582



47.3265, 59.3206, 44.0799

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.



33.0387, 44.8159, 44.8639



51.4255, 44.8159, 69.5582



38.7521, 44.8159, 25.9682

Square

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



51.4255, 44.8159, 69.5582



49.3347, 44.8159, 28.7152



34.8401, 44.8159, 32.6419



36.5010, 44.8159, 76.5631

Rectangle

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



51.4255, 44.8159, 69.5582



53.6721, 44.8159, 42.7046



34.8401, 44.8159, 32.6419



33.1595, 44.8159, 55.4427

Sweetspot

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



51.4269, 44.8178, 69.5592



88.8340, 88.7313, 107.0525



41.9494, 41.7498, 69.4665



18.9047, 18.7946, 22.8813



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.



51.4269, 44.8178, 69.5592



73.2653, 61.0061, 102.5216



50.9343, 44.8194, 57.9937



12.7995, 12.5536, 15.6860



19.9783, 9.4517, 39.2245



1.2473, 0.5919, 2.3678

Inverse Universe

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



48.2642, 43.7514, 43.9333



67.8305, 59.1882, 57.8161



47.8360, 59.3780, 53.3785



12.4833, 12.4448, 13.2192



16.8927, 8.6934, 1.4731



1.0395, 0.5326, 0.1974

Previews

White Background



This preview shows how the XYZ color 51.4255, 44.8159, 69.5582 looks on a white background.

Color Contrast Check

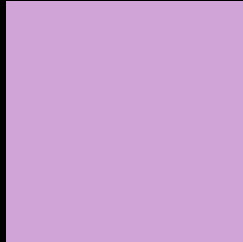
Large Text (above 18pt) WCAG AA × Fail

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 51.4255, 44.8159, 69.5582 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 51.4255, 44.8159, 69.5582

Background



This preview shows how black text looks on a background with the XYZ color 51.4255, 44.8159, 69.5582.



This preview shows how white text looks on a background with the XYZ color 51.4255, 44.8159,

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

51.4255, 44.8159, 69.5582

Protanopia

45.1899, 45.0968, 76.1348

Deuteranopia

46.0360, 45.1167, 68.5694



Tritanopia

47.8238, 45.0057, 50.9661

Trichromacy



Original Color

51.4255, 44.8159, 69.5582

Protanomaly

47.1992, 44.7396, 73.8581

Deuteranomaly

47.8084, 44.8771, 69.0932

Tritanomaly

48.9171, 44.8794, 57.1233

Monochromacy



Original Color

51.4255, 44.8159, 69.5582

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.0012, 46.1522, 57.4700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4255, 44.8159, 69.5582 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(208, 164, 214)` looks like.

```
.text, #text, p{  
    color:rgb(208, 164, 214)  
}
```

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(208, 164, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 164, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.4255, 44.8159, 69.5582 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(208, 164, 214) }
```


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

```
.border{ border-color:rgb(208, 164, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 164, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 164, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 164, 214);  
box-shadow:4px 4px 4px 4px rgb(208, 164,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4255, 44.8159, 69.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 164, 214) }
```

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

```
.background{ background-color: rgb(208,  
164, 214) }
```

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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