

Converting Colors

XYZ(51.9205, 44.9334, 52.5937)

Have a look what the booklet for
XYZ(51.9205, 44.9334, 52.5937)
contains.

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Color

**XYZ(51.9075, 44.9154,
52.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA2BA
RGB	222, 162, 186
RGB Percent	87%, 64%, 73%
CMY	0.1294, 0.3647, 0.2706
CMYK	0.00, 0.27, 0.16, 0.13
HSL	336°, 48%, 75%
HSV	336°, 27%, 87%
XYZ	51.9075, 44.9154, 52.3881
YIQ	182.6760, 28.0560, 20.1840

Conversions

Conversions Part 2

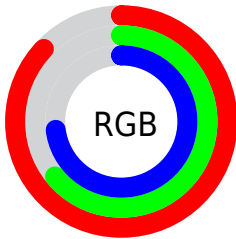
Format	Color
R_{YB}	222, 162, 186
Decimal	14590650
CIE _{Lab}	72.84, 25.78, -3.55
CIE _{LCh}	73, 26.025, 352.154
Yxy	44.9154, 0.3479, 0.3010
Android (android.graphics.Color)	4292780730 (0xFFDEA2BA)
YUV	182.6760, 1.6387, 34.4871
Hunter-Lab	67.0190, 20.9686, 0.5668

Details

The XYZ color **51.9075, 44.9154, 52.3881** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2165, 64.0024, 63.0835**, and the grayscale version is **44.8139, 47.1478, 51.3439**.

A 20% lighter version of the original color is **82.0799, 77.2965, 94.5980**, and **25.5355, 20.9523, 24.8886** is the 20% darker color. If you saturate the color by 10%, you get **46.9860, 37.2338, 44.0835**, and if you desaturate by 10%, it is **57.6539, 54.0346, 61.6201**.

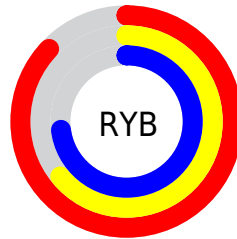
Distribution



Red (87%)

Green (64%)

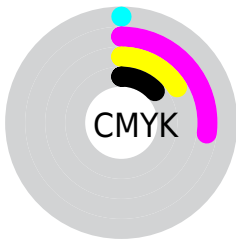
Blue (73%)



Red (87%)

Yellow (64%)

Blue (73%)

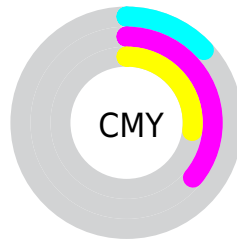


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9075, 44.9154, 52.3881 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 51.9075, 44.9154, 52.3881 by changing the saturation by 10% instead.


 51.9075, 44.9154,
52.3881


 51.9075, 44.9154,
52.3881


384.4092,
366.4308, 412.9326

 37.1553, 31.3908,
36.9301


 92.1698, 82.5934,
95.1358

 25.5020, 20.8966,
24.8580

 118.4107,
107.5157, 123.2625

 16.5822, 13.0484,
15.7533


149.2119,
137.0059, 156.4493

 10.0305, 7.4619,
9.1973

184.9387,
171.4485, 195.1147

 5.4816, 3.7526,
4.7715

225.9564,
211.2279, 239.6772

 2.5701, 1.5362,
2.0574

272.6305,

 0.9308, 0.3140,

256.7285, 290.5553

0.5903

325.3264,
308.3347, 348.1676

■ 0.0000, 0.0000,
0.0000

■ 51.9075, 44.9154,
52.3881

■ 51.9075, 44.9154,
52.3881

■ 46.9860, 37.2338,
44.0835

■ 57.6539, 54.0346,
61.6201

■ 42.8457, 30.9095,
36.6725

■ 64.2585, 64.6538,
71.8061

■ 39.4446, 25.8638,
30.1230

■ 71.7573, 76.8393,
82.9750

■ 36.7346, 22.0074,
24.3998

■ 80.1831, 90.6515,
95.1536

■ 34.6622, 19.2393,
19.4645

■ 83.5514, 94.1165,
106.3623

■ 33.1645, 17.4411,
15.2747

■ 83.9345, 94.2697,
108.3798

■ 32.1611, 16.4591,
11.7808

■ 31.9189, 16.2475,
10.8591

Harmonies

Analogous

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



49.9399, 44.9154, 65.8506



51.9075, 44.9154, 52.3881



51.2709, 44.9154, 40.0941

Triad

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



51.9075, 44.9154, 52.3881



39.4917, 44.9154, 29.2592



37.5697, 44.9154, 71.3504

Complementary

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



51.9075, 44.9154, 52.3881



51.2165, 64.0024, 63.0835

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.



35.1256, 44.9154, 58.9211



51.9075, 44.9154, 52.3881



36.1794, 44.9154, 35.1490

Square

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



51.9075, 44.9154, 52.3881



43.8901, 44.9154, 28.1330



34.6352, 44.9154, 45.5803



41.5134, 44.9154, 77.9914

Rectangle

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



51.9075, 44.9154, 52.3881



49.4745, 44.9154, 34.0099



34.6352, 44.9154, 45.5803



36.5573, 44.9154, 67.6163

Sweetspot

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



51.9088, 44.9175, 52.3890



86.9752, 86.9044, 96.7936



49.3956, 43.1226, 74.8280



18.3104, 18.1075, 20.2515



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.



51.9088, 44.9175, 52.3890



67.4054, 55.7588, 65.6258



50.6501, 46.1456, 40.4223



13.9332, 13.7909, 15.4185



19.0105, 9.6712, 6.7210



1.3611, 0.6877, 0.6942

Inverse Universe

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



51.9088, 44.9175, 52.3890



67.4054, 55.7588, 65.6258



52.6425, 62.0683, 78.3137



13.9332, 13.7909, 15.4185



19.0105, 9.6712, 6.7210



1.3611, 0.6877, 0.6942

Previews

White Background



This preview shows how the XYZ color 51.9075, 44.9154, 52.3881 looks on a white background.

Color Contrast Check

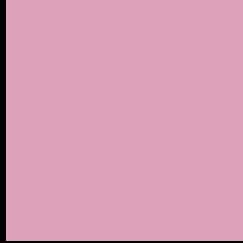
Large Text (above 18pt) WCAG AA × Fail

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 51.9075, 44.9154, 52.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

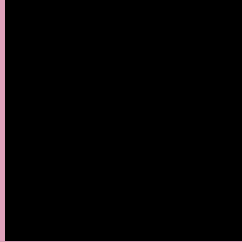
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9075, 44.9154, 52.3881

Background



This preview shows how black text looks on a background with the XYZ color 51.9075, 44.9154, 52.3881.



This preview shows how white text looks on a background with the XYZ color 51.9075, 44.9154,

52.3881.

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

51.9075, 44.9154, 52.3881

Protanopia

44.0157, 45.1734, 58.6240

Deuteranopia

46.0359, 45.2021, 51.6459



Tritanopia

50.9307, 45.0577, 47.0870

Trichromacy



Original Color

51.9075, 44.9154, 52.3881

Protanomaly

46.2593, 44.6483, 56.0490

Deuteranomaly

48.0335, 45.0896, 52.0705

Tritanomaly

51.1542, 44.8618, 49.1431

Monochromacy



Original Color

51.9075, 44.9154, 52.3881

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.0077, 45.9910, 51.7470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9075, 44.9154, 52.3881 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(222, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 162, 186)  
}
```

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(222, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 162, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.9075, 44.9154, 52.3881 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(222, 162, 186) }
```


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

```
.border{ border-color:rgb(222, 162, 186) }
```

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

Here you see how a box with a 4 pixel rgb(222, 162, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 162, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 162, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 162,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9075, 44.9154, 52.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 162, 186) }
```

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

```
.background{ background-color: rgb(222,  
162, 186) }
```

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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