

Converting Colors

XYZ(51.0252, 44.8504, 44.3087)

Have a look what the booklet for
XYZ(51.0252, 44.8504, 44.3087)
contains.

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Color

**XYZ(51.1883, 44.9820,
44.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A3AB
RGB	224, 163, 171
RGB Percent	88%, 64%, 67%
CMY	0.1216, 0.3608, 0.3294
CMYK	0.00, 0.27, 0.24, 0.12
HSL	352°, 50%, 76%
HSV	352°, 27%, 88%
XYZ	51.1883, 44.9820, 44.5125
YIQ	182.1510, 33.7880, 15.4200

Conversions

Conversions Part 2

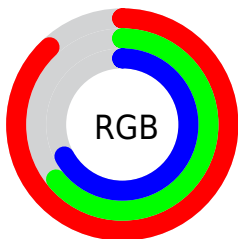
Format	Color
R _Y B	224, 163, 171
Decimal	14721963
CIE Lab	72.88, 23.70, 4.81
CIE LCh	73, 24.179, 11.465
Yxy	44.9820, 0.3639, 0.3197
Android (android.graphics.Color)	4292912043 (0xFFE0A3AB)
YUV	182.1510, -5.4974, 36.7016
Hunter-Lab	67.0686, 18.8652, 7.5981

Details

The XYZ color **51.1883, 44.9820, 44.5125** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1565, 66.0567, 74.8650**, and the grayscale version is **44.5629, 46.8836, 51.0562**.

A 20% lighter version of the original color is **80.0389, 76.8938, 82.5750**, and **25.1627, 21.0256, 20.1849** is the 20% darker color. If you saturate the color by 10%, you get **45.8370, 37.0329, 34.2396**, and if you desaturate by 10%, it is **57.5197, 54.4534, 56.4609**.

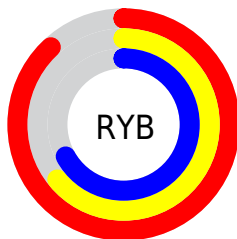
Distribution



Red (88%)

Green (64%)

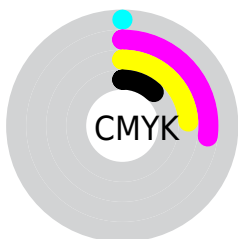
Blue (67%)



Red (88%)

Yellow (64%)

Blue (67%)

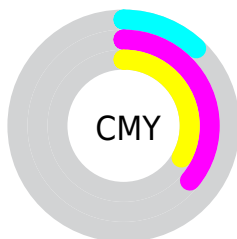


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1883, 44.9820, 44.5125 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 51.1883, 44.9820, 44.5125 by changing the saturation by 10% instead.


 51.1883, 44.9820,
44.5125


 51.1883, 44.9820,
44.5125


381.6705,
366.7007, 380.8980

 36.5801, 31.4432,
30.7335


 91.1144, 82.6934,
83.2991

 25.0548, 20.9366,
20.1392


 117.1630,
107.6348, 109.1437

 16.2468, 13.0777,
12.3112


147.7559,
137.1460, 139.8472

 9.7909, 7.4821,
6.8309

183.2583,
171.6112, 175.8282

 5.3218, 3.7654,
3.2797

224.0356,
211.4148, 217.5053

 2.4739, 1.5432,
1.2392

270.4532,

 0.8821, 0.3188,

256.9414, 265.2969

0.0111

322.8764,
308.5752, 319.6216

■ 0.0000, 0.0000,
0.0000

■ 51.1883, 44.9820,
44.5125

■ 51.1883, 44.9820,
44.5125

■ 45.8370, 37.0329,
34.2396

■ 57.5197, 54.4534,
56.4609

■ 41.4131, 30.5207,
25.5645

■ 64.8731, 65.5141,
70.1525

■ 37.8644, 25.3611,
18.4073

■ 73.2924, 78.2347,
85.6542

■ 35.1321, 21.4588,
12.6801

■ 82.8180, 92.6799,
103.0290

■ 33.1499, 18.7056,
8.2859

■ 84.5505, 94.5873,
108.4086

■ 31.8413, 16.9752,
5.1153

■ 31.1076, 16.1019,
3.0395

■ 30.9668, 15.9378,
2.6302

Harmonies

Analogous

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



50.8976, 44.9820, 56.7231



51.1883, 44.9820, 44.5125



49.1115, 44.9820, 35.1745

Triad

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



51.1883, 44.9820, 44.5125



37.6147, 44.9820, 33.5782



40.2321, 44.9820, 74.4109

Complementary

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



51.1883, 44.9820, 44.5125



54.1565, 66.0567, 74.8650

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.



36.9704, 44.9820, 65.9887



51.1883, 44.9820, 44.5125



35.5291, 44.9820, 41.9717

Square

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



51.1883, 44.9820, 44.5125



41.1651, 44.9820, 29.5893



35.3012, 44.9820, 53.7321



44.3834, 44.9820, 75.3930

Rectangle

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



51.1883, 44.9820, 44.5125



46.7387, 44.9820, 31.3033



35.3012, 44.9820, 53.7321



39.0026, 44.9820, 72.2987

Sweetspot

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



51.1895, 44.9841, 44.5134



86.1601, 86.5783, 92.5010



54.8326, 46.1571, 76.5403



18.1063, 18.0258, 19.1768



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.



51.1895, 44.9841, 44.5134



64.2057, 53.7016, 51.1727



54.7785, 53.3450, 42.0626



13.7800, 13.7296, 14.6117



18.0485, 9.2864, 1.6552



1.2751, 0.6533, 0.2413

Inverse Universe

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



51.1895, 44.9841, 44.5134



64.2057, 53.7016, 51.1727



49.5951, 55.2392, 78.5694



13.7800, 13.7296, 14.6117



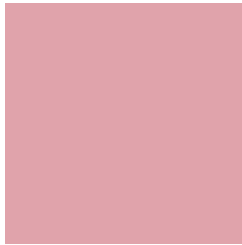
18.0485, 9.2864, 1.6552



1.2751, 0.6533, 0.2413

Previews

White Background



This preview shows how the XYZ color 51.1883, 44.9820, 44.5125 looks on a white background.

Color Contrast Check

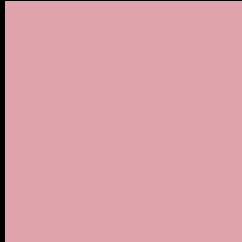
Large Text (above 18pt) WCAG AA × Fail

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 51.1883, 44.9820, 44.5125 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 51.1883, 44.9820, 44.5125

Background



This preview shows how black text looks on a background with the XYZ color 51.1883, 44.9820, 44.5125.



This preview shows how white text looks on a background with the XYZ color 51.1883, 44.9820,

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

51.1883, 44.9820, 44.5125

Protanopia

43.4500, 45.0812, 49.5915

Deuteranopia

45.9244, 45.0311, 43.8075



Tritanopia

51.3987, 44.7831, 46.4924

Trichromacy



Original Color

51.1883, 44.9820, 44.5125

Protanomaly

45.9053, 44.9318, 47.8482

Deuteranomaly

47.7382, 44.8335, 44.1679

Tritanomaly

51.3008, 44.7439, 45.9770

Monochromacy



Original Color

51.1883, 44.9820, 44.5125

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.3918, 45.7446, 48.5040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1883, 44.9820, 44.5125 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(224, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 163, 171)  
}
```

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(224, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 163, 171) }
```

Border

The CSS property to change the border of an element to XYZ 51.1883, 44.9820, 44.5125 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(224, 163, 171) }
```


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

```
.border{ border-color:rgb(224, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 163,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1883, 44.9820, 44.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 163, 171) }
```

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

```
.background{ background-color: rgb(224,  
163, 171) }
```

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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