

Converting Colors

XYZ(50.5850, 43.6221, 44.7835)

Have a look what the booklet for XYZ(50.5850, 43.6221, 44.7835) contains.

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Color

**XYZ(50.5850, 43.6221,
44.7835)**

Conversions

Conversions Part 1

Format	Color
Hex	E09FAC
RGB	224, 159, 172
RGB Percent	88%, 62%, 67%
CMY	0.1216, 0.3764, 0.3255
CMYK	0.00, 0.29, 0.23, 0.12
HSL	348°, 51%, 75%
HSV	348°, 29%, 88%
XYZ	50.5850, 43.6221, 44.7835
YIQ	179.9170, 34.5670, 17.8230

Conversions

Conversions Part 2

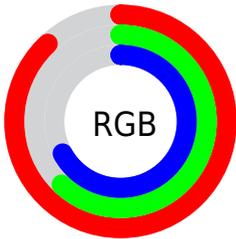
Format	Color
R_{YB}	224, 159, 172
Decimal	14720940
CIE _{Lab}	71.98, 25.99, 2.95
CIE _{LCh}	72, 26.158, 6.465
Yxy	43.6221, 0.3639, 0.3138
Android (android.graphics.Color)	4292911020 (0xFFE09FAC)
YUV	179.9170, -3.9031, 38.6608
Hunter-Lab	66.0470, 21.1297, 6.0311

Details

The XYZ color **50.5850, 43.6221, 44.7835** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.7134, 65.3865, 71.4738**, and the grayscale version is **43.3462, 45.6036, 49.6623**.

A 20% lighter version of the original color is **79.1517, 74.8992, 82.9583**, and **24.7963, 20.1963, 20.3607** is the 20% darker color. If you saturate the color by 10%, you get **45.4697, 35.9625, 35.1517**, and if you desaturate by 10%, it is **56.6329, 52.7746, 55.8723**.

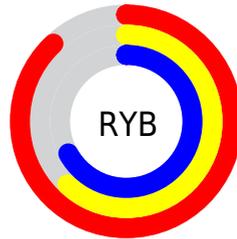
Distribution



Red (88%)

Green (62%)

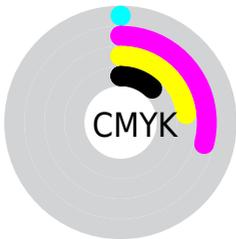
Blue (67%)



Red (88%)

Yellow (62%)

Blue (67%)

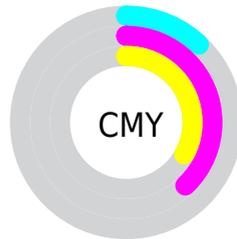


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (12%)



Cyan (12%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5850, 43.6221, 44.7835 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 50.5850, 43.6221, 44.7835 by changing the saturation by 10% instead.

 50.5850, 43.6221,
44.7835

 50.5850, 43.6221,
44.7835

379.3635,
361.1639, 382.0305

 36.0981, 30.3735,
30.9452

 90.2277, 80.6488,
83.7104

 24.6805, 20.1223,
20.2990

 116.1142,
105.1957, 109.6362

 15.9666, 12.4840,
12.4264

146.5314,
134.2775, 140.4282

 9.5912, 7.0742,
6.9087

181.8445,
168.2786, 176.5049

 5.1890, 3.5085,
3.3275

222.4189,
207.5834, 218.2850

 2.3944, 1.4026,
1.2642

268.6199,

 0.8423, 0.2187,

252.5763, 266.1869

0.0322

320.8131,
303.6417, 320.6293

■ 0.0000, 0.0000,
0.0000

■ 50.5850, 43.6221,
44.7835

■ 50.5850, 43.6221,
44.7835

■ 45.4697, 35.9625,
35.1517

■ 56.6329, 52.7746,
55.8723

■ 41.2364, 29.7105,
26.9130

■ 63.6532, 63.4871,
68.4730

■ 37.8351, 24.7816,
20.0028

■ 71.6881, 75.8301,
82.6407

■ 35.2094, 21.0799,
14.3501

■ 80.7760, 89.8678,
98.4270

■ 33.2954, 18.4961,
9.8769

■ 84.5506, 94.5874,
108.4086

■ 32.0188, 16.9015,
6.4962

■ 31.2687, 16.0969,
4.1012

■ 31.2102, 16.0352,
3.9115

Harmonies

Analogous

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



49.8361, 43.6221, 58.0006



50.5850, 43.6221, 44.7835



48.7519, 43.6221, 34.3380

Triad

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



50.5850, 43.6221, 44.7835



36.5681, 43.6221, 30.3488



38.1288, 43.6221, 73.7762

Complementary

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



50.5850, 43.6221, 44.7835



52.7134, 65.3865, 71.4738

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.



34.9368, 43.6221, 63.6499



50.5850, 43.6221, 44.7835



34.0819, 43.6221, 38.3449

Square

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



50.5850, 43.6221, 44.7835



40.5028, 43.6221, 27.0250



33.5068, 43.6221, 50.3181



42.4352, 43.6221, 76.3373

Rectangle

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



50.5850, 43.6221, 44.7835



46.3846, 43.6221, 29.8173



33.5068, 43.6221, 50.3181



36.8997, 43.6221, 71.0658

Sweetspot

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



50.5862, 43.6241, 44.7844



85.3440, 85.0947, 91.7712



52.7181, 44.0291, 76.2413



17.9540, 17.7345, 19.0851



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.



50.5862, 43.6241, 44.7844



63.4402, 51.8854, 51.7965



53.0200, 50.3925, 39.7357



13.8187, 13.7451, 14.8156



18.1993, 9.3467, 2.4491



1.2933, 0.6606, 0.3375

Inverse Universe

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



50.5862, 43.6241, 44.7844



63.4402, 51.8854, 51.7965



49.4662, 56.1781, 78.7577



13.8187, 13.7451, 14.8156



18.1993, 9.3467, 2.4491



1.2933, 0.6606, 0.3375

Previews

White Background



This preview shows how the XYZ color 50.5850, 43.6221, 44.7835 looks on a white background.

Color Contrast Check

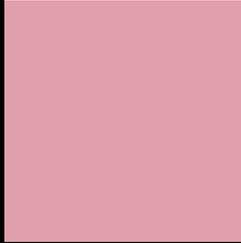
Large Text (above 18pt) WCAG AA × Fail

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 50.5850, 43.6221, 44.7835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

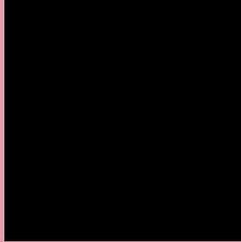
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5850, 43.6221, 44.7835

Background



This preview shows how black text looks on a background with the XYZ color 50.5850, 43.6221, 44.7835.



This preview shows how white text looks on a background with the XYZ color 50.5850, 43.6221,

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

50.5850, 43.6221, 44.7835

Protanopia

42.3289, 43.8930, 50.4972

Deuteranopia

44.5836, 43.7639, 44.1277



Tritanopia

50.4893, 43.5838, 44.2795

Trichromacy



Original Color

50.5850, 43.6221, 44.7835

Protanomaly

44.9163, 43.5659, 48.1612

Deuteranomaly

46.6230, 43.6995, 44.5056

Tritanomaly

50.4893, 43.5838, 44.2795

Monochromacy



Original Color

50.5850, 43.6221, 44.7835

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.4533, 44.4151, 47.7723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5850, 43.6221, 44.7835 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, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(224, 159, 172)  
}
```

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, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 159, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.5850, 43.6221, 44.7835 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, 159, 172) }
```

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

```
.border{ border-color:rgb(224, 159, 172) }
```

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

Here you see how a box with a 4 pixel rgb(224, 159, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(224, 159,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5850, 43.6221, 44.7835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 159, 172) }
```

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

```
.background{ background-color: rgb(224,  
159, 172) }
```

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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