

Converting Colors

XYZ(54.2835, 44.0299, 50.4420)

Have a look what the booklet for
XYZ(54.2835, 44.0299, 50.4420)
contains.

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Color

**XYZ(54.3638, 44.1923,
50.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9AB7
RGB	235, 154, 183
RGB Percent	92%, 60%, 72%
CMY	0.0784, 0.3961, 0.2823
CMYK	0.00, 0.34, 0.22, 0.08
HSL	339°, 67%, 76%
HSV	339°, 34%, 92%
XYZ	54.3638, 44.1923, 50.4644
YIQ	181.5250, 38.9670, 26.1910

Conversions

Conversions Part 2

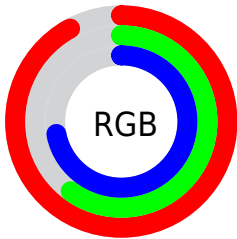
Format	Color
R _Y B	235, 154, 183
Decimal	15440567
CIE Lab	72.36, 34.20, -2.44
CIE LCh	72, 34.282, 355.923
Yxy	44.1923, 0.3648, 0.2966
Android (android.graphics.Color)	4293630647 (0xFFEB9AB7)
YUV	181.5250, 0.7272, 46.8976
Hunter-Lab	66.4773, 29.6385, 1.5257

Details

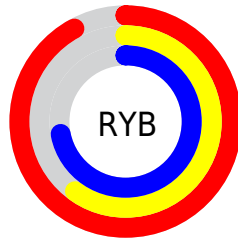
The XYZ color **54.3638, 44.1923, 50.4644** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.1773, 70.7441, 69.1956**, and the grayscale version is **44.1878, 46.4890, 50.6265**.

A 20% lighter version of the original color is **79.6205, 73.0929, 91.5732**, and **27.1407, 20.5794, 23.6608** is the 20% darker color. If you saturate the color by 10%, you get **49.3710, 36.5864, 41.4633**, and if you desaturate by 10%, it is **60.2866, 53.3881, 60.6070**.

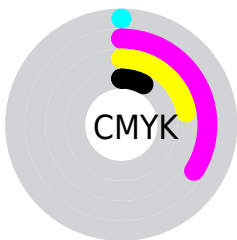
Distribution



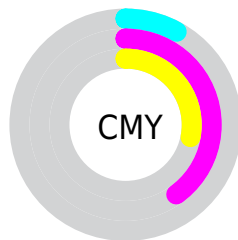
- Red (92%)
- Green (60%)
- Blue (72%)



- Red (92%)
- Yellow (60%)
- Blue (72%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3638, 44.1923, 50.4644 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 54.3638, 44.1923, 50.4644 by changing the saturation by 10% instead.

 54.3638, 44.1923,
50.4644


 54.3638, 44.1923,
50.4644


393.6715,
363.4924, 405.2662

 39.1244, 30.8217,
35.4088


 95.7620, 81.5070,
92.2660

 27.0377, 20.4631,
23.6919


 122.6515,
106.2200, 119.8490

 17.7383, 12.7321,
14.8951


154.1550,
135.4825, 152.4448

 10.8608, 7.2444,
8.6000

190.6380,
169.6789, 190.4721

 6.0399, 3.6154,
4.3880

232.4658,
209.1938, 234.3494

 2.9102, 1.4608,
1.8405

280.0038,

 1.1065, 0.2609,

254.4114, 284.4951

0.4545

333.6172,
305.7161, 341.3279

■ 0.0305, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3638, 44.1923,
50.4644

■ 54.3638, 44.1923,
50.4644

■ 49.3710, 36.5864,
41.4633

■ 60.2866, 53.3881,
60.6070

■ 45.2549, 30.4730,
33.5585

■ 67.1817, 64.2514,
71.9287

■ 41.9618, 25.7539,
26.7051

■ 75.0932, 76.8621,
84.4684

■ 39.4306, 22.3159,
20.8539

■ 84.0611, 91.2931,
98.2625

■ 37.5910, 20.0283,
15.9506

■ 88.0711, 96.4023,
108.5734

■ 36.3578, 18.7313,
11.9341

■ 35.8663, 18.3043,
10.0563

Harmonies

Analogous

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



52.1165, 44.1923, 68.7106



54.3638, 44.1923, 50.4644



53.0531, 44.1923, 35.2678

Triad

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



54.3638, 44.1923, 50.4644



37.2373, 44.1923, 24.4159



35.9632, 44.1923, 80.3517

Complementary

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



54.3638, 44.1923, 50.4644



54.1773, 70.7441, 69.1956

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.



32.6056, 44.1923, 63.7622



54.3638, 44.1923, 50.4644



33.2914, 44.1923, 32.1151

Square

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



54.3638, 44.1923, 50.4644



42.8150, 44.1923, 22.4443



31.6748, 44.1923, 45.8453



41.2022, 44.1923, 88.3381

Rectangle

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



54.3638, 44.1923, 50.4644



50.3981, 44.1923, 28.3500



31.6748, 44.1923, 45.8453



34.5969, 44.1923, 75.4316

Sweetspot

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



54.3651, 44.1944, 50.4653



84.9230, 83.7858, 93.0704



51.8124, 42.1336, 83.9994



17.8942, 17.4834, 19.4706



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.



54.3651, 44.1944, 50.4653



61.2822, 46.8422, 53.3193



53.5144, 46.8356, 36.7941



15.2882, 15.1431, 16.8032



20.0165, 10.2093, 5.8883



1.6163, 0.8195, 0.6967

Inverse Universe

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



54.3651, 44.1944, 50.4653



61.2822, 46.8422, 53.3193



55.0328, 66.2883, 88.4920



15.2882, 15.1431, 16.8032



20.0165, 10.2093, 5.8883



1.6163, 0.8195, 0.6967

Previews

White Background



This preview shows how the XYZ color 54.3638, 44.1923, 50.4644 looks on a white background.

Color Contrast Check

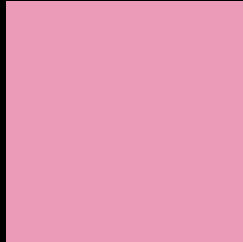
Large Text (above 18pt) WCAG AA × Fail

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 54.3638, 44.1923, 50.4644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

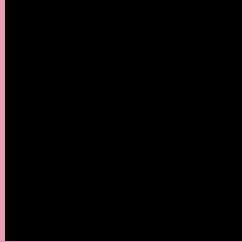
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3638, 44.1923, 50.4644

Background



This preview shows how black text looks on a background with the XYZ color 54.3638, 44.1923, 50.4644.



This preview shows how white text looks on a background with the XYZ color 54.3638, 44.1923,

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

54.3638, 44.1923, 50.4644

Protanopia

43.4794, 44.5895, 59.1383

Deuteranopia

45.2389, 44.2697, 49.3406



Tritanopia

52.7291, 44.2647, 42.8106

Trichromacy



Original Color

54.3638, 44.1923, 50.4644

Protanomaly

46.7284, 44.0520, 55.9092

Deuteranomaly

48.0901, 43.8018, 49.6360

Tritanomaly

53.3630, 44.2865, 45.2708

Monochromacy



Original Color

54.3638, 44.1923, 50.4644

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.2834, 45.3000, 50.5076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3638, 44.1923, 50.4644 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(235, 154, 183)` looks like.

```
.text, #text, p{  
    color:rgb(235, 154, 183)  
}
```

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(235, 154, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 154, 183) }
```

Border

The CSS property to change the border of an element to XYZ 54.3638, 44.1923, 50.4644 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(235, 154, 183) }
```


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

```
.border{ border-color:rgb(235, 154, 183) }
```

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

Here you see how a box with a 4 pixel rgb(235, 154, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 154, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 154, 183);  
box-shadow:4px 4px 4px 4px rgb(235, 154,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3638, 44.1923, 50.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 154, 183) }
```

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

```
.background{ background-color: rgb(235,  
154, 183) }
```

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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