

Converting Colors

XYZ(53.3638, 44.9999, 48.2721)

Have a look what the booklet for
XYZ(53.3638, 44.9999, 48.2721)
contains.

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Color

**XYZ(53.4898, 45.0399,
48.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	E79FB3
RGB	231, 159, 179
RGB Percent	91%, 62%, 70%
CMY	0.0941, 0.3764, 0.2980
CMYK	0.00, 0.31, 0.23, 0.09
HSL	343°, 60%, 76%
HSV	343°, 31%, 91%
XYZ	53.4898, 45.0399, 48.5222
YIQ	182.8080, 36.4920, 21.4840

Conversions

Conversions Part 2

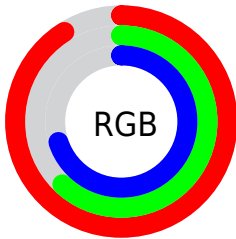
Format	Color
R_{YB}	231, 159, 179
Decimal	15179699
CIE _{Lab}	72.92, 29.54, 0.54
CIE _{LCh}	73, 29.544, 1.052
Yxy	45.0399, 0.3637, 0.3063
Android (android.graphics.Color)	4293369779 (0xFFE79FB3)
YUV	182.8080, -1.8773, 42.2644
Hunter-Lab	67.1118, 24.8235, 4.1112

Details

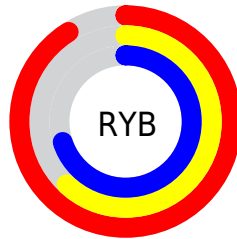
The XYZ color **53.4898, 45.0399, 48.5222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6338, 69.2270, 72.1140**, and the grayscale version is **44.9016, 47.2400, 51.4444**.

A 20% lighter version of the original color is **80.2820, 75.3513, 88.9102**, and **26.4791, 21.0204, 22.4004** is the 20% darker color. If you saturate the color by 10%, you get **48.2958, 37.1907, 38.9633**, and if you desaturate by 10%, it is **59.6328, 54.4595, 59.4058**.

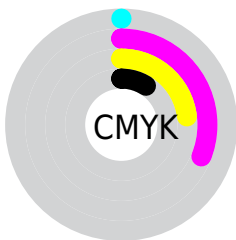
Distribution



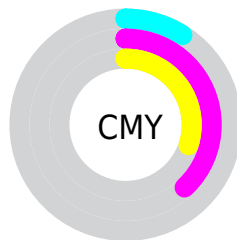
- Red (91%)
- Green (62%)
- Blue (70%)



- Red (91%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4898, 45.0399, 48.5222 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 53.4898, 45.0399, 48.5222 by changing the saturation by 10% instead.


 53.4898, 45.0399,
48.5222


 53.4898, 45.0399,
48.5222


390.3916,
366.9351, 397.4265

 38.4230, 31.4889,
33.8777


 94.4860, 82.7803,
89.3550

 26.4898, 20.9714,
22.5230


 121.1461,
107.7384, 116.3804

 17.3250, 13.1031,
14.0398


152.4013,
137.2677, 148.3699

 10.5632, 7.4996,
8.0093

188.6170,
171.7525, 185.7419

 5.8391, 3.7764,
4.0130

230.1585,
211.5773, 228.9150

 2.7872, 1.5493,
1.6325

277.3912,

 1.0423, 0.3231,

257.1264, 278.3078

0.3138

330.6805,
308.7842, 334.3388

■ 0.0000, 0.0000,
0.0000

■ 53.4898, 45.0399,
48.5222

■ 53.4898, 45.0399,
48.5222

■ 48.2958, 37.1907,
38.9633

■ 59.6328, 54.4595,
59.4058

■ 43.9983, 30.8199,
30.6743

■ 66.7661, 65.5224,
71.6604

■ 40.5455, 25.8354,
23.6005

■ 74.9332, 78.3045,
85.3334

■ 37.8782, 22.1323,
17.6818

■ 84.1737, 92.8751,
100.4689

■ 35.9295, 19.5905,
12.8527

■ 86.7651, 95.7290,
108.5123

■ 34.6199, 18.0667,
9.0396

■ 33.8850, 17.3609,
6.4389

Harmonies

Analogous

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



52.0696, 45.0399, 64.0839



53.4898, 45.0399, 48.5222



51.8628, 45.0399, 35.8218

Triad

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



53.4898, 45.0399, 48.5222



37.9029, 45.0399, 28.5406



38.1939, 45.0399, 78.2700

Complementary

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



53.4898, 45.0399, 48.5222



54.6338, 69.2270, 72.1140

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.



34.8756, 45.0399, 65.1673



53.4898, 45.0399, 48.5222



34.7173, 45.0399, 36.5579

Square

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



53.4898, 45.0399, 48.5222



42.6276, 45.0399, 25.8043



33.6541, 45.0399, 49.5631



42.9911, 45.0399, 83.2015

Rectangle

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



53.4898, 45.0399, 48.5222



49.3388, 45.0399, 30.1303



33.6541, 45.0399, 49.5631



36.8825, 45.0399, 74.5609

Sweetspot

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



53.4911, 45.0420, 48.5231



85.6057, 85.1994, 93.1491



53.5731, 44.3580, 81.3399



18.0180, 17.7601, 19.4224



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.



53.4911, 45.0420, 48.5231



62.8778, 50.2092, 53.3092



54.4668, 49.9987, 39.5836



14.5407, 14.4335, 15.7815



19.0416, 9.7509, 3.8483



1.4456, 0.7360, 0.4872

Inverse Universe

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



53.4911, 45.0420, 48.5231



62.8778, 50.2092, 53.3092



53.1259, 61.9467, 84.7584



14.5407, 14.4335, 15.7815



19.0416, 9.7509, 3.8483



1.4456, 0.7360, 0.4872

Previews

White Background



This preview shows how the XYZ color 53.4898, 45.0399, 48.5222 looks on a white background.

Color Contrast Check

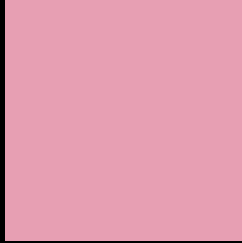
Large Text (above 18pt) WCAG AA × Fail

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 53.4898, 45.0399, 48.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

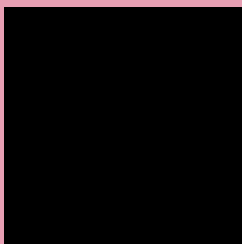
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4898, 45.0399, 48.5222

Background



This preview shows how black text looks on a background with the XYZ color 53.4898, 45.0399, 48.5222.



This preview shows how white text looks on a background with the XYZ color 53.4898, 45.0399,

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

53.4898, 45.0399, 48.5222

Protanopia

43.8051, 45.1422, 55.1197

Deuteranopia

46.0687, 45.0275, 47.3374



Tritanopia

52.6503, 44.9432, 44.9296

Trichromacy



Original Color

53.4898, 45.0399, 48.5222

Protanomaly

46.7145, 44.6768, 52.6157

Deuteranomaly

48.5168, 44.8812, 47.7008

Tritanomaly

52.9418, 45.0598, 46.4645

Monochromacy



Original Color

53.4898, 45.0399, 48.5222

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.3990, 45.9289, 50.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4898, 45.0399, 48.5222 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(231, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(231, 159, 179)  
}
```

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(231, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 159, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.4898, 45.0399, 48.5222 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(231, 159, 179) }
```


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

```
.border{ border-color:rgb(231, 159, 179) }
```

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

Here you see how a box with a 4 pixel rgb(231, 159, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(231, 159,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4898, 45.0399, 48.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 159, 179) }
```

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

```
.background{ background-color: rgb(231,  
159, 179) }
```

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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