

Converting Colors

XYZ(50.5263, 38.9469, 45.5448)

Have a look what the booklet for
XYZ(50.5263, 38.9469, 45.5448)
contains.

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Color

**XYZ(50.5748, 38.8840,
45.3972)**

Conversions

Conversions Part 1

Format	Color
Hex	E98BAF
RGB	233, 139, 175
RGB Percent	91%, 55%, 69%
CMY	0.0863, 0.4549, 0.3137
CMYK	0.00, 0.40, 0.25, 0.09
HSL	337°, 68%, 73%
HSV	337°, 40%, 91%
XYZ	50.5748, 38.8840, 45.3972
YIQ	171.2100, 44.4680, 31.1240

Conversions

Conversions Part 2

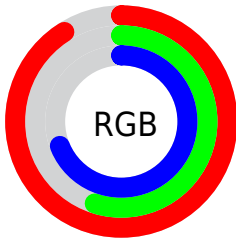
Format	Color
R_{YB}	233, 139, 175
Decimal	15305647
CIE _{Lab}	68.67, 40.22, -3.43
CIE _{LCh}	69, 40.370, 355.120
Yxy	38.8840, 0.3750, 0.2883
Android (android.graphics.Color)	4293495727 (0xFFE98BAF)
YUV	171.2100, 1.8685, 54.1898
Hunter-Lab	62.3570, 35.6480, 0.4856

Details

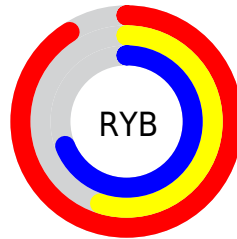
The XYZ color **50.5748, 38.8840, 45.3972** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.8662, 67.7991, 63.2850**, and the grayscale version is **38.7905, 40.8106, 44.4427**.

A 20% lighter version of the original color is **74.8147, 65.5567, 83.5735**, and **24.6625, 17.3604, 20.7899** is the 20% darker color. If you saturate the color by 10%, you get **46.2159, 32.3068, 37.3444**, and if you desaturate by 10%, it is **55.8052, 46.9629, 54.4832**.

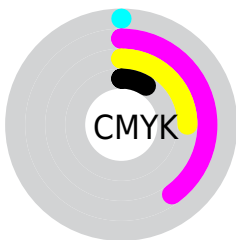
Distribution



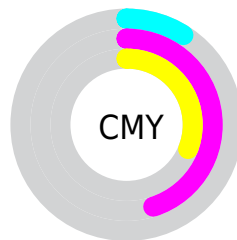
- Red (91%)
- Green (55%)
- Blue (69%)



- Red (91%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5748, 38.8840, 45.3972 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 50.5748, 38.8840, 45.3972 by changing the saturation by 10% instead.


 50.5748, 38.8840,
45.3972

 50.5748, 38.8840,
45.3972


379.3245,
341.3971, 384.5868


 36.0900, 26.6695,
31.4252

 90.2127, 73.4611,
84.6409

 24.6741, 17.3252,
20.6617


 116.0965, 96.5924,
110.7496

 15.9619, 10.4666,
12.6881


 146.5106,
124.1316, 141.7410

 9.5879, 5.7094,
7.0859

181.8205,
156.4628, 178.0336

 5.1867, 2.6692,
3.4366

222.3915,
193.9706, 220.0460

 2.3931, 0.9616,
1.3217

268.5889,

 0.8417, 0.0000,

237.0393, 268.1966

0.0795

320.7781,
286.0533, 322.9040

■ 0.0000, 0.0000,
0.0000

■ 50.5748, 38.8840,
45.3972

■ 50.5748, 38.8840,
45.3972

■ 46.2159, 32.3068,
37.3444

■ 55.8052, 46.9629,
54.4832

■ 42.6744, 27.1315,
30.2823

■ 61.9503, 56.6237,
64.6375

■ 39.8950, 23.2554,
24.1688

■ 69.0542, 67.9475,
75.8966

■ 37.8138, 20.5585,
18.9567

■ 77.1573, 81.0083,
88.2941

■ 36.3551, 18.8986,
14.5937

■ 86.1357, 95.5522,
101.8085

■ 35.4172, 18.0488,
11.1183

■ 87.4145, 96.0637,
108.5427

Harmonies

Analogous

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



47.9601, 38.8840, 65.7692



50.5748, 38.8840, 45.3972



49.2123, 38.8840, 29.1089

Triad

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



50.5748, 38.8840, 45.3972



31.9922, 38.8840, 17.8333



30.3786, 38.8840, 78.1847

Complementary

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



50.5748, 38.8840, 45.3972



49.8662, 67.7991, 63.2850

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.



26.9283, 38.8840, 59.0682



50.5748, 38.8840, 45.3972



27.7821, 38.8840, 25.2603

Square

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



50.5748, 38.8840, 45.3972



38.0113, 38.8840, 16.0977



26.0352, 38.8840, 39.4195



35.9244, 38.8840, 87.8655

Rectangle

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



50.5748, 38.8840, 45.3972



46.3056, 38.8840, 22.0074



26.0352, 38.8840, 39.4195



28.9616, 38.8840, 72.4232

Sweetspot

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



50.5759, 38.8859, 45.3980



83.1608, 80.8496, 90.6694



46.9595, 36.2163, 81.6067



17.5460, 16.8993, 19.0086



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.



50.5759, 38.8859, 45.3980



57.7575, 41.1996, 47.8071



49.1670, 40.9917, 29.7492



15.3042, 15.1495, 16.8871



20.1523, 10.2636, 6.6034



1.6281, 0.8242, 0.7590

Inverse Universe

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



50.5759, 38.8859, 45.3980



57.7575, 41.1996, 47.8071



51.4870, 63.6336, 86.6601



15.3042, 15.1495, 16.8871



20.1523, 10.2636, 6.6034



1.6281, 0.8242, 0.7590

Previews

White Background



This preview shows how the XYZ color 50.5748, 38.8840, 45.3972 looks on a white background.

Color Contrast Check

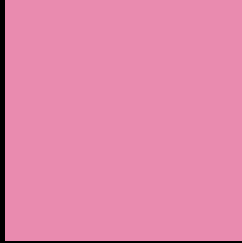
Large Text (above 18pt) WCAG AA × Fail

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 50.5748, 38.8840, 45.3972 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 50.5748, 38.8840, 45.3972

Background



This preview shows how black text looks on a background with the XYZ color 50.5748, 38.8840, 45.3972.



This preview shows how white text looks on a background with the XYZ color 50.5748, 38.8840,

45.3972.

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

50.5748, 38.8840, 45.3972

Protanopia

38.6430, 39.3357, 55.4250

Deuteranopia

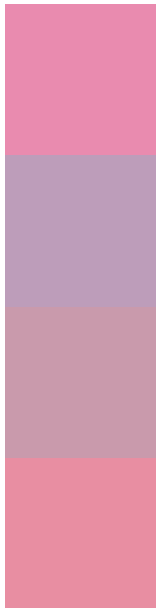
39.9763, 39.2019, 43.9878



Tritanopia

48.6102, 38.9669, 35.5312

Trichromacy



Original Color

50.5748, 38.8840, 45.3972

Protanomaly

41.9062, 38.4779, 51.6727

Deuteranomaly

43.0894, 38.5073, 44.1913

Tritanomaly

49.4733, 39.1104, 39.1240

Monochromacy



Original Color

50.5748, 38.8840, 45.3972

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.0927, 39.2442, 44.3861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5748, 38.8840, 45.3972 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(233, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 139, 175)  
}
```

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(233, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 139, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.5748, 38.8840, 45.3972 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(233, 139, 175) }
```


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

```
.border{ border-color:rgb(233, 139, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 139, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 139,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5748, 38.8840, 45.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 139, 175) }
```

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

```
.background{ background-color: rgb(233,  
139, 175) }
```

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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