

Converting Colors

XYZ(45.7079, 25.3682, 38.1026)

Have a look what the booklet for
XYZ(45.7079, 25.3682, 38.1026)
contains.

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Color

**XYZ(45.8224, 25.3950,
38.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	F43EA5
RGB	244, 62, 165
RGB Percent	96%, 24%, 65%
CMY	0.0431, 0.7568, 0.3529
CMYK	0.00, 0.75, 0.32, 0.04
HSL	326°, 89%, 60%
HSV	326°, 75%, 96%
XYZ	45.8224, 25.3950, 38.0839
YIQ	128.1600, 75.4090, 70.6170

Conversions

Conversions Part 2

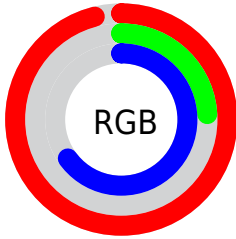
Format	Color
R _Y B	244, 62, 165
Decimal	16006821
CIE Lab	57.46, 75.43, -14.26
CIE LCh	57, 76.764, 349.292
Yxy	25.3950, 0.4192, 0.2323
Android (android.graphics.Color)	4294196901 (0xFFFF43EA5)
YUV	128.1600, 18.1621, 101.5917
Hunter-Lab	50.3935, 74.1202, -9.5319

Details

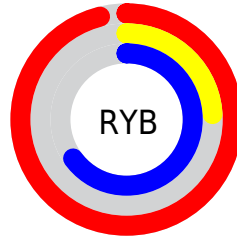
The XYZ color **45.8224, 25.3950, 38.0839** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **39.1468, 67.6495, 36.1985**, and the grayscale version is **20.4959, 21.5633, 23.4824**.

A 20% lighter version of the original color is **61.4919, 41.0945, 72.4012**, and **22.5091, 11.2595, 16.6097** is the 20% darker color. If you saturate the color by 10%, you get **43.8559, 22.9414, 32.8672**, and if you desaturate by 10%, it is **48.4653, 29.0733, 43.9204**.

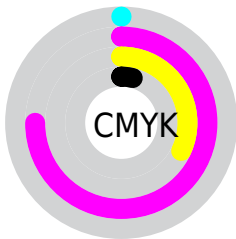
Distribution



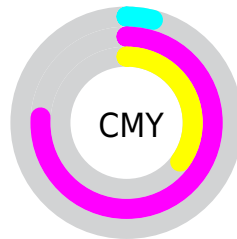
- Red (96%)
- Green (24%)
- Blue (65%)



- Red (96%)
- Yellow (24%)
- Blue (65%)



- Cyan (0%)
- Magenta (75%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (76%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8224, 25.3950, 38.0839 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 45.8224, 25.3950, 38.0839 by changing the saturation by 10% instead.


 45.8224, 25.3950,
38.0839


 45.8224, 25.3950,
38.0839

360.8221,
279.7994, 353.2887

 32.3097, 16.3716,
25.7455


 83.1826, 52.2973,
73.4416


 21.7549, 9.7875,
16.4093


 107.7609, 70.9450,
97.2979


 13.7925, 5.2583,
9.6567


 136.7584, 93.5696,
125.8306

 8.0572, 2.3996,
5.0694

 170.5405,
120.5554, 159.4582

 4.1837, 0.8257,
2.2286

 209.4726,
152.2869, 198.5993

 1.8066, 0.0000,
0.6908

253.9200,

 0.5216, 0.0000,

189.1485, 243.6724

0.0000

304.2480,
231.5245, 295.0960

■ 0.0000, 0.0000,
0.0000

■ 45.8224, 25.3950,
38.0839

■ 45.8224, 25.3950,
38.0839

■ 43.8559, 22.9414,
32.8672

■ 48.4653, 29.0733,
43.9204

■ 42.4750, 21.5344,
28.2300


■ 51.8548, 34.1142,
50.4088


■ 41.9016, 21.0705,
25.9341


■ 56.0544, 40.6414,
57.5791


■ 61.1196, 48.7637,
65.4586

■ 67.1010, 58.5792,
74.0725

 74.0453, 70.1785,
83.4443

 81.9954, 83.6455,
93.5963

 90.2822, 97.6387,
104.3131

 91.1183, 97.9731,
108.7160

Harmonies

Analogous

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



40.0405, 25.3950, 75.1121



45.8224, 25.3950, 38.0839



44.7875, 25.3950, 14.1442

Triad

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



45.8224, 25.3950, 38.0839



18.7893, 25.3950, 2.1669



14.4025, 25.3950, 85.9560

Complementary

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



45.8224, 25.3950, 38.0839



39.1468, 67.6495, 36.1985

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.



11.0699, 25.3950, 47.8100



45.8224, 25.3950, 38.0839



13.1253, 25.3950, 6.1141

Square

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



45.8224, 25.3950, 38.0839



27.5481, 25.3950, 1.8294



10.6704, 25.3950, 19.3218



21.0201, 25.3950, 112.3143

Rectangle

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



45.8224, 25.3950, 38.0839



40.4325, 25.3950, 6.4687



10.6704, 25.3950, 19.3218



12.9404, 25.3950, 73.2746

Sweetspot

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



45.8232, 25.3964, 38.0843



76.0144, 67.8105, 84.4227



29.0155, 15.6300, 87.0757



15.8478, 13.8130, 17.4861



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.



45.8232, 25.3964, 38.0843



47.5464, 24.3560, 33.3711



40.2725, 23.1761, 8.8551



16.8920, 16.6397, 19.1778



22.8537, 11.4849, 14.4696



2.0601, 1.0300, 1.5431

Inverse Universe

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



45.8232, 25.3964, 38.0843



47.5464, 24.3560, 33.3711



48.8848, 71.5447, 87.4784



16.8920, 16.6397, 19.1778



22.8537, 11.4849, 14.4696



2.0601, 1.0300, 1.5431

Previews

White Background



This preview shows how the XYZ color 45.8224, 25.3950, 38.0839 looks on a white background.

Color Contrast Check

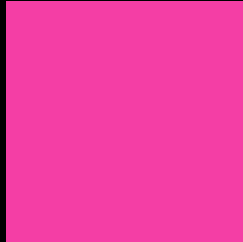
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8224, 25.3950, 38.0839 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 × Fail

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

XYZ 45.8224, 25.3950, 38.0839

Background



This preview shows how black text looks on a background with the XYZ color 45.8224, 25.3950, 38.0839.



This preview shows how white text looks on a background with the XYZ color 45.8224, 25.3950,

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

45.8224, 25.3950, 38.0839

Protanopia

27.5129, 25.8062, 69.1767

Deuteranopia

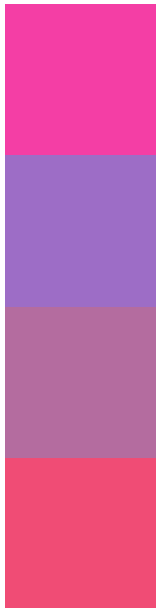
26.0820, 25.6238, 34.5816



Tritanopia

40.2334, 25.2391, 12.2023

Trichromacy



Original Color

45.8224, 25.3950, 38.0839

Protanomaly

29.5663, 22.1826, 56.1494

Deuteranomaly

30.4430, 22.9316, 35.6226

Tritanomaly

41.7305, 24.9785, 19.4515

Monochromacy



Original Color

45.8224, 25.3950, 38.0839

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

26.3356, 20.3698, 27.7430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8224, 25.3950, 38.0839 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(244, 62, 165)` looks like.

```
.text, #text, p{  
    color:rgb(244, 62, 165)  
}
```

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(244, 62, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 62, 165) }
```

Border

The CSS property to change the border of an element to XYZ 45.8224, 25.3950, 38.0839 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(244, 62, 165) }
```


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

```
.border{ border-color:rgb(244, 62, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 62, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 62, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 62, 165);  
box-shadow:4px 4px 4px 4px rgb(244, 62,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8224, 25.3950, 38.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 62, 165) }
```

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

```
.background{ background-color: rgb(244, 62,  
165) }
```

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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