

Converting Colors

XYZ(45.3788, 25.8348, 27.0210)

Have a look what the booklet for
XYZ(45.3788, 25.8348, 27.0210)
contains.

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Color

**XYZ(45.3788, 25.8348,
27.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	F8438B
RGB	248, 67, 139
RGB Percent	97%, 26%, 55%
CMY	0.0275, 0.7372, 0.4549
CMYK	0.00, 0.73, 0.44, 0.03
HSL	336°, 93%, 62%
HSV	336°, 73%, 97%
XYZ	45.3788, 25.8348, 27.0210
YIQ	129.3270, 84.7640, 60.7640

Conversions

Conversions Part 2

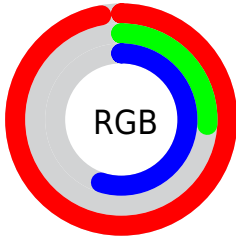
Format	Color
R_{YB}	248, 67, 139
Decimal	16270219
CIE _{Lab}	57.88, 72.34, 1.70
CIE _{LCh}	58, 72.360, 1.343
Yxy	25.8348, 0.4619, 0.2630
Android (android.graphics.Color)	4294460299 (0xFFFF8438B)
YUV	129.3270, 4.7688, 104.0762
Hunter-Lab	50.8279, 70.4145, 4.0600

Details

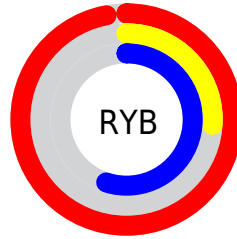
The XYZ color **45.3788, 25.8348, 27.0210** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **43.7205, 71.4636, 52.5696**, and the grayscale version is **20.9455, 22.0363, 23.9975**.

A 20% lighter version of the original color is **58.6047, 40.7663, 54.6490**, and **22.0529, 11.1604, 10.4430** is the 20% darker color. If you saturate the color by 10%, you get **43.1891, 23.0843, 21.2697**, and if you desaturate by 10%, it is **48.3497, 29.9091, 33.7687**.

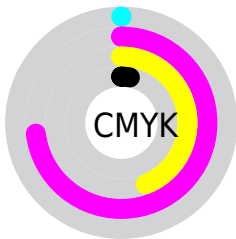
Distribution



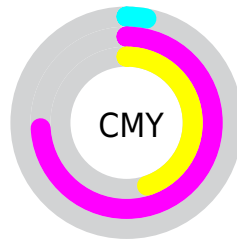
- Red (97%)
- Green (26%)
- Blue (55%)



- Red (97%)
- Yellow (26%)
- Blue (55%)



- Cyan (0%)
- Magenta (73%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (74%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3788, 25.8348, 27.0210 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 45.3788, 25.8348, 27.0210 by changing the saturation by 10% instead.


 45.3788, 25.8348,
27.0210

 45.3788, 25.8348,
27.0210


359.0635,
281.9702, 301.5222

 31.9584, 16.7001,
17.3564


 82.5221, 53.0083,
55.9217

 21.4852, 10.0209,
10.3243


 106.9758, 71.8159,
75.9949


 13.5936, 5.4128,
5.5061


 135.8380, 94.6166,
100.3748

 7.9183, 2.4915,
2.4833

 169.4740,
121.7948, 129.4798

 4.0941, 0.8724,
0.8313

 208.2492,
153.7348, 163.7284

 1.7555, 0.0000,
0.0000

252.5289,

 0.4906, 0.0000,

190.8211, 203.5394

0.0000

302.6786,
233.4381, 249.3311

■ 0.0000, 0.0000,
0.0000

■ 45.3788, 25.8348,
27.0210

■ 45.3788, 25.8348,
27.0210

■ 43.1891, 23.0843,
21.2697

■ 48.3497, 29.9091,
33.7687

■ 41.6856, 21.4772,
16.4529


■ 52.1769, 35.4485,
41.5653


■ 40.9465, 20.8505,
13.5815


■ 56.9287, 42.5805,
50.4601

■ 62.6651, 51.4175,
60.4985

■ 69.4414, 62.0618,
71.7228

 77.3081, 74.6073,
84.1731

 86.3128, 89.1417,
97.8873

 92.5214, 98.6965,
108.7817

Harmonies

Analogous

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



42.3671, 25.8348, 57.9513



45.3788, 25.8348, 27.0210



41.8053, 25.8348, 9.8363

Triad

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



45.3788, 25.8348, 27.0210



16.8369, 25.8348, 3.8384



17.3708, 25.8348, 94.6504

Complementary

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



45.3788, 25.8348, 27.0210



43.7205, 71.4636, 52.5696

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.



12.8540, 25.8348, 61.1597



45.3788, 25.8348, 27.0210



12.6009, 25.8348, 10.8342

Square

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



45.3788, 25.8348, 27.0210



24.1650, 25.8348, 2.2692



11.3345, 25.8348, 29.2683



24.9496, 25.8348, 108.4256

Rectangle

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



45.3788, 25.8348, 27.0210



36.5656, 25.8348, 4.8452



11.3345, 25.8348, 29.2683



15.5131, 25.8348, 84.6274

Sweetspot

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



45.3795, 25.8362, 27.0214



74.7201, 67.2927, 77.6068



36.7664, 19.9771, 90.7251



15.5431, 13.6912, 15.8816



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.



45.3795, 25.8362, 27.0214



45.1010, 23.5718, 19.8963



42.9821, 26.8763, 8.2342



17.5306, 17.3396, 19.3838



22.1838, 11.2893, 7.6765



2.1053, 1.0658, 0.9777

Inverse Universe

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



45.3795, 25.8362, 27.0214



45.1010, 23.5718, 19.8963



47.5281, 64.5097, 98.7536



17.5306, 17.3396, 19.3838



22.1838, 11.2893, 7.6765



2.1053, 1.0658, 0.9777

Previews

White Background



This preview shows how the XYZ color 45.3788, 25.8348, 27.0210 looks on a white background.

Color Contrast Check

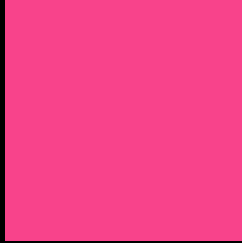
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.3788, 25.8348, 27.0210 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 45.3788, 25.8348, 27.0210

Background



This preview shows how black text looks on a background with the XYZ color 45.3788, 25.8348, 27.0210.



This preview shows how white text looks on a background with the XYZ color 45.3788, 25.8348,

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

45.3788, 25.8348, 27.0210

Protanopia

26.3311, 26.1023, 47.3665

Deuteranopia

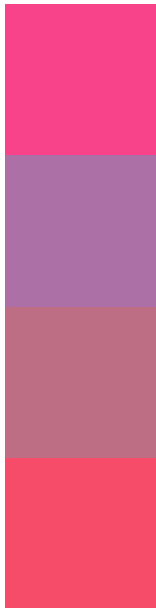
26.4035, 26.0076, 24.7474



Tritanopia

42.1645, 25.8057, 11.3530

Trichromacy



Original Color

45.3788, 25.8348, 27.0210

Protanomaly

29.6904, 23.1122, 38.9726

Deuteranomaly

30.7958, 23.6641, 25.1348

Tritanomaly

43.0719, 25.6449, 16.0444

Monochromacy



Original Color

45.3788, 25.8348, 27.0210

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

26.4009, 20.7722, 24.8083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3788, 25.8348, 27.0210 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(248, 67, 139)` looks like.

```
.text, #text, p{  
  color:rgb(248, 67, 139)  
}
```

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(248, 67, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 67, 139) }
```

Border

The CSS property to change the border of an element to XYZ 45.3788, 25.8348, 27.0210 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(248, 67, 139) }
```


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

```
.border{ border-color:rgb(248, 67, 139) }
```

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

Here you see how a box with a 4 pixel rgb(248, 67, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 67, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 67, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 67,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3788, 25.8348, 27.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 67, 139) }
```

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

```
.background{ background-color: rgb(248, 67,  
139) }
```

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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