

Converting Colors

XYZ(44.3336, 25.0776, 17.3494)

Have a look what the booklet for
XYZ(44.3336, 25.0776, 17.3494)
contains.

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Color

**XYZ(44.3208, 25.0803,
17.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	FB3E6E
RGB	251, 62, 110
RGB Percent	98%, 24%, 43%
CMY	0.0157, 0.7568, 0.5686
CMYK	0.00, 0.75, 0.56, 0.02
HSL	345°, 96%, 61%
HSV	345°, 75%, 98%
XYZ	44.3208, 25.0803, 17.2569
YIQ	123.9830, 97.2360, 54.9960

Conversions

Conversions Part 2

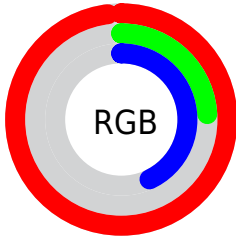
Format	Color
R_{YB}	251, 62, 110
Decimal	16465518
CIE _{Lab}	57.15, 72.41, 17.89
CIE _{LCh}	57, 74.588, 13.880
Yxy	25.0803, 0.5114, 0.2894
Android (android.graphics.Color)	4294655598 (0xFFFB3E6E)
YUV	123.9830, -6.8936, 111.3939
Hunter-Lab	50.0802, 70.3313, 14.6257

Details

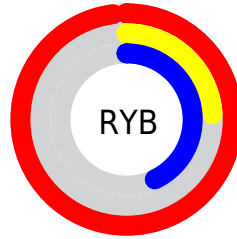
The XYZ color **44.3208, 25.0803, 17.2569** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47.2656, 74.3311, 68.3644**, and the grayscale version is **19.1541, 20.1516, 21.9451**.

A 20% lighter version of the original color is **55.0066, 38.5004, 38.2504**, and **21.6362, 11.0502, 5.6952** is the 20% darker color. If you saturate the color by 10%, you get **42.3426, 22.5870, 12.0876**, and if you desaturate by 10%, it is **47.1453, 28.9218, 23.7716**.

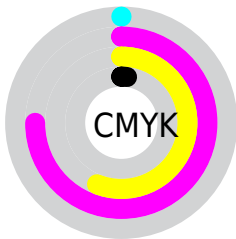
Distribution



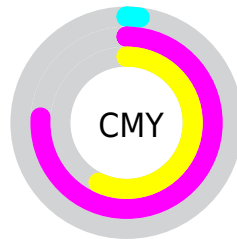
- Red (98%)
- Green (24%)
- Blue (43%)



- Red (98%)
- Yellow (24%)
- Blue (43%)



- Cyan (0%)
- Magenta (75%)
- Yellow (56%)
- Black (2%)





- Cyan (2%)
- Magenta (76%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3208, 25.0803, 17.2569 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 44.3208, 25.0803, 17.2569 by changing the saturation by 10% instead.


 44.3208, 25.0803,
17.2569


 44.3208, 25.0803,
17.2569


354.8459,
278.2376, 248.7424


 31.1218, 16.1369,
10.2539

 80.9436, 51.7875,
39.5636


 20.8439, 9.6211,
5.4598


 105.0981, 70.3200,
55.7045


 13.1217, 5.1484,
2.4561


 133.6352, 92.8177,
75.7284

 7.5900, 2.3346,
0.8168

 166.9201,
119.6650, 100.0539

 3.8833, 0.7919,
0.0000

 205.3183,
151.2462, 129.0994

 1.6363, 0.0000,
0.0000

249.1951,

 0.4159, 0.0000,

187.9458, 163.2837

0.0000

298.9158,
230.1481, 203.0252

■ 0.0000, 0.0000,
0.0000

■ 44.3208, 25.0803,
17.2569

■ 44.3208, 25.0803,
17.2569

■ 42.3426, 22.5870,
12.0876

■ 47.1453, 28.9218,
23.7716

■ 41.1004, 21.2427,
8.1589

■ 50.9035, 34.2657,
31.7219

■ 40.7013, 20.8763,
6.6950

■ 55.6734, 41.2498,
41.1910

■ 61.5241, 49.9948,
52.2550

■ 68.5183, 60.6104,
64.9846

76.7140, 73.1970,
79.4462

86.1651, 87.8479,
95.7026

93.5935, 99.2492,
108.8318

Harmonies

Analogous

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



44.0625, 25.0803, 43.0895



44.3208, 25.0803, 17.2569



38.2287, 25.0803, 5.6111

Triad

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



44.3208, 25.0803, 17.2569



13.9298, 25.0803, 5.1575



19.4429, 25.0803, 105.3009

Complementary

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



44.3208, 25.0803, 17.2569



47.2656, 74.3311, 68.3644

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.



13.6055, 25.0803, 76.5362



44.3208, 25.0803, 17.2569



10.9999, 25.0803, 15.9443

Square

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



44.3208, 25.0803, 17.2569



20.0059, 25.0803, 2.1096



10.8980, 25.0803, 40.6569



28.1308, 25.0803, 106.5110

Rectangle

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



44.3208, 25.0803, 17.2569



32.0882, 25.0803, 2.8175



10.8980, 25.0803, 40.6569



17.1391, 25.0803, 97.9941

Sweetspot

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



44.3214, 25.0818, 17.2573



72.8472, 65.6132, 70.6124



43.1169, 22.7744, 93.3898



14.9792, 13.1071, 14.0176



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.



44.3214, 25.0818, 17.2573



43.1898, 22.6134, 10.4295



45.8189, 31.1881, 8.1645



17.4254, 17.2975, 18.8300



21.4436, 10.9932, 3.7787



2.0269, 1.0345, 0.5652

Inverse Universe

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



44.3214, 25.0818, 17.2573



43.1898, 22.6134, 10.4295



41.6894, 52.5683, 99.2159



17.4254, 17.2975, 18.8300



21.4436, 10.9932, 3.7787



2.0269, 1.0345, 0.5652

Previews

White Background



This preview shows how the XYZ color 44.3208, 25.0803, 17.2569 looks on a white background.

Color Contrast Check

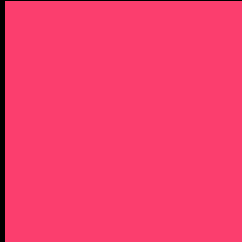
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3208, 25.0803, 17.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

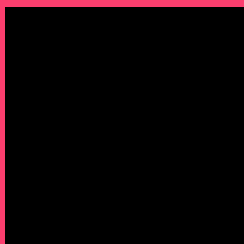
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.3208, 25.0803, 17.2569

Background



This preview shows how black text looks on a background with the XYZ color 44.3208, 25.0803, 17.2569.



This preview shows how white text looks on a background with the XYZ color 44.3208, 25.0803,

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

44.3208, 25.0803, 17.2569

Protanopia

24.5286, 25.3163, 31.1975

Deuteranopia

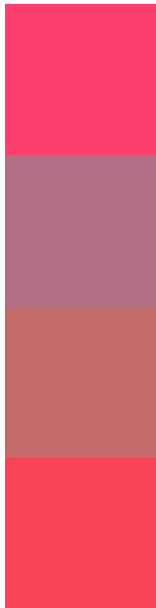
25.7045, 25.2286, 15.8268



Tritanopia

42.4597, 25.0011, 8.8912

Trichromacy



Original Color

44.3208, 25.0803, 17.2569

Protanomaly

28.2391, 22.3381, 25.3776

Deuteranomaly

30.2621, 23.1170, 15.9637

Tritanomaly

43.1112, 25.0102, 11.3593

Monochromacy



Original Color

44.3208, 25.0803, 17.2569

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

24.5610, 19.1853, 19.8614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3208, 25.0803, 17.2569 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(251, 62, 110)` looks like.

```
.text, #text, p{  
    color:rgb(251, 62, 110)  
}
```

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(251, 62, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 62, 110) }
```

Border

The CSS property to change the border of an element to XYZ 44.3208, 25.0803, 17.2569 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(251, 62, 110) }
```


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

```
.border{ border-color:rgb(251, 62, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 62, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 62, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 62, 110);  
box-shadow:4px 4px 4px 4px rgb(251, 62,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3208, 25.0803, 17.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 62, 110) }
```

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

```
.background{ background-color: rgb(251, 62,  
110) }
```

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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