

Converting Colors

XYZ(43.9939, 25.9867, 18.6810)

Have a look what the booklet for
XYZ(43.9939, 25.9867, 18.6810)
contains.

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Color

**XYZ(43.8438, 25.8866,
18.6054)**

Conversions

Conversions Part 1

Format	Color
Hex	F74A72
RGB	247, 74, 114
RGB Percent	97%, 29%, 45%
CMY	0.0314, 0.7098, 0.5529
CMYK	0.00, 0.70, 0.54, 0.03
HSL	346°, 92%, 63%
HSV	346°, 70%, 97%
XYZ	43.8438, 25.8866, 18.6054
YIQ	130.2870, 90.2680, 49.1160

Conversions

Conversions Part 2

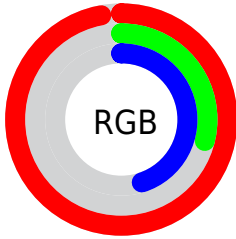
Format	Color
R_{YB}	247, 74, 114
Decimal	16206450
CIE Lab	57.93, 67.67, 16.48
CIE LCh	58, 69.649, 13.688
Yxy	25.8866, 0.4963, 0.2930
Android (android.graphics.Color)	4294396530 (0xFFFF74A72)
YUV	130.2870, -8.0295, 102.3573
Hunter-Lab	50.8789, 64.7806, 13.9340

Details

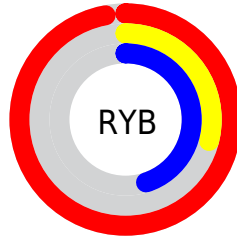
The XYZ color **43.8438, 25.8866, 18.6054** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47.3493, 72.4830, 70.5332**, and the grayscale version is **21.3264, 22.4370, 24.4339**.

A 20% lighter version of the original color is **56.5105, 40.7882, 40.9709**, and **20.7803, 10.5956, 6.2601** is the 20% darker color. If you saturate the color by 10%, you get **41.5350, 22.8233, 13.0452**, and if you desaturate by 10%, it is **47.0252, 30.3364, 25.5640**.

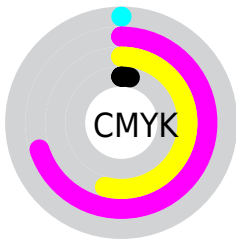
Distribution



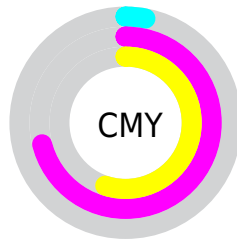
- Red (97%)
- Green (29%)
- Blue (45%)



- Red (97%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8438, 25.8866, 18.6054 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 43.8438, 25.8866, 18.6054 by changing the saturation by 10% instead.


 43.8438, 25.8866,
18.6054


 43.8438, 25.8866,
18.6054


352.9335,
282.2250, 256.6113


 30.7451, 16.7388,
11.2116


 80.2305, 53.0919,
41.8940


 20.5557, 10.0485,
6.0934


 104.2491, 71.9183,
58.6259


 12.9102, 5.4311,
2.8322


 132.6385, 94.7397,
79.3076

 7.4433, 2.5024,
1.0096

 165.7640,
121.9404, 104.3575

 3.7897, 0.8778,
0.0000

 203.9908,
153.9049, 134.1944

 1.5838, 0.0000,
0.0000

247.6845,

 0.3818, 0.0000,

191.0175, 169.2366

0.0000

297.2102,
233.6628, 209.9027

■ 0.0000, 0.0000,
0.0000

■ 43.8438, 25.8866,
18.6054

■ 43.8438, 25.8866,
18.6054

■ 41.5350, 22.8233,
13.0452

■ 47.0252, 30.3364,
25.5640

■ 40.0022, 20.9749,
8.7814


■ 51.1576, 36.3086,
34.0095


■ 39.0986, 20.0705,
5.6970


■ 56.3129, 43.9280,
44.0245

■ 62.5550, 53.3049,
55.6848

■ 69.9427, 64.5402,
69.0611

 78.5305, 77.7270,
84.2200

 88.3691, 92.9524,
101.2244

 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



43.5633, 25.8866, 43.2570



43.8438, 25.8866, 18.6054



38.2115, 25.8866, 6.8015

Triad

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



43.8438, 25.8866, 18.6054



15.0585, 25.8866, 6.2379



20.3456, 25.8866, 99.8509

Complementary

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



43.8438, 25.8866, 18.6054



47.3493, 72.4830, 70.5332

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.



14.6850, 25.8866, 73.6617



43.8438, 25.8866, 18.6054



12.1416, 25.8866, 17.0985

Square

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



43.8438, 25.8866, 18.6054



20.9808, 25.8866, 2.9096



12.0226, 25.8866, 40.5942



28.6230, 25.8866, 101.1289

Rectangle

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



43.8438, 25.8866, 18.6054



32.4708, 25.8866, 3.7432



12.0226, 25.8866, 40.5942



18.1237, 25.8866, 93.2018

Sweetspot

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



43.8444, 25.8881, 18.6058



74.3475, 68.0897, 72.7280



44.8684, 24.8274, 90.4227



15.4236, 13.8271, 14.6862



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.



43.8444, 25.8881, 18.6058



43.8850, 23.5757, 11.9811



46.3275, 33.7357, 10.5505



16.6561, 16.5453, 17.9354



20.7228, 10.6326, 3.2486



1.8593, 0.9497, 0.4852

Inverse Universe

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



43.8444, 25.8881, 18.6058



43.8850, 23.5757, 11.9811



40.4696, 49.8841, 95.4909



16.6561, 16.5453, 17.9354



20.7228, 10.6326, 3.2486



1.8593, 0.9497, 0.4852

Previews

White Background



This preview shows how the XYZ color 43.8438, 25.8866, 18.6054 looks on a white background.

Color Contrast Check

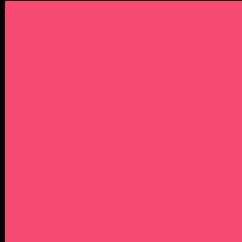
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8438, 25.8866, 18.6054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

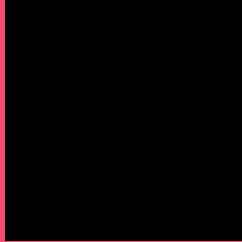
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.8438, 25.8866, 18.6054

Background



This preview shows how black text looks on a background with the XYZ color 43.8438, 25.8866, 18.6054.



This preview shows how white text looks on a background with the XYZ color 43.8438, 25.8866,

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

43.8438, 25.8866, 18.6054

Protanopia

25.3143, 26.1473, 31.3165

Deuteranopia

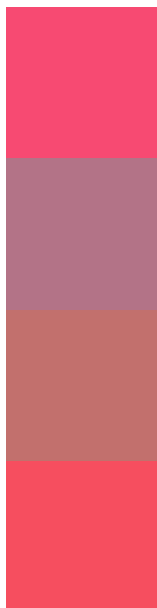
26.4365, 25.9833, 17.2576



Tritanopia

42.1251, 25.7899, 11.1452

Trichromacy



Original Color

43.8438, 25.8866, 18.6054

Protanomaly

29.0943, 23.5944, 25.9424

Deuteranomaly

30.8026, 24.1618, 17.5082

Tritanomaly

42.7960, 25.8678, 13.5639

Monochromacy



Original Color

43.8438, 25.8866, 18.6054

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

26.4476, 21.4913, 21.8231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8438, 25.8866, 18.6054 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(247, 74, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 74, 114)  
}
```

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(247, 74, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 74, 114) }
```

Border

The CSS property to change the border of an element to XYZ 43.8438, 25.8866, 18.6054 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(247, 74, 114) }
```


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

```
.border{ border-color:rgb(247, 74, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 74, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 74, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 74, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 74,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8438, 25.8866, 18.6054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 74, 114) }
```

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

```
.background{ background-color: rgb(247, 74,  
114) }
```

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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