

Converting Colors

XYZ(43.1000, 24.0507, 13.9450)

Have a look what the booklet for
XYZ(43.1000, 24.0507, 13.9450)
contains.

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Color

**XYZ(43.0431, 24.0342,
13.9257)**

Conversions

Conversions Part 1

Format	Color
Hex	FA3862
RGB	250, 56, 98
RGB Percent	98%, 22%, 38%
CMY	0.0196, 0.7803, 0.6157
CMYK	0.00, 0.78, 0.61, 0.02
HSL	347°, 95%, 60%
HSV	347°, 78%, 98%
XYZ	43.0431, 24.0342, 13.9257
YIQ	118.7940, 102.1420, 54.1900

Conversions

Conversions Part 2

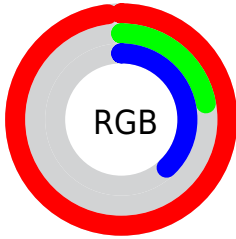
Format	Color
R_{YB}	250, 56, 98
Decimal	16398434
CIE _{Lab}	56.12, 73.09, 23.58
CIE _{LCh}	56, 76.804, 17.881
Yxy	24.0342, 0.5314, 0.2967
Android (android.graphics.Color)	4294588514 (0xFFFA3862)
YUV	118.7940, -10.2514, 115.0677
Hunter-Lab	49.0247, 70.9277, 17.4757

Details

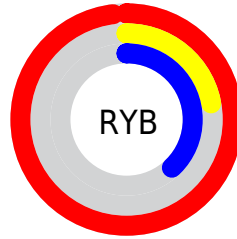
The XYZ color **43.0431, 24.0342, 13.9257** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47.2042, 73.7668, 71.4347**, and the grayscale version is **17.4804, 18.3908, 20.0275**.

A 20% lighter version of the original color is **53.3018, 36.8311, 32.3168**, and **20.8695, 10.6870, 4.2117** is the 20% darker color. If you saturate the color by 10%, you get **41.3044, 21.8607, 9.3278**, and if you desaturate by 10%, it is **45.6134, 27.5094, 19.9177**.

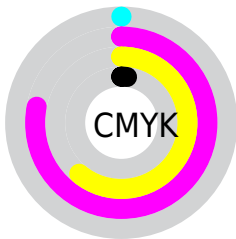
Distribution



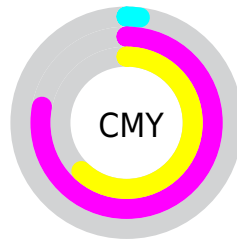
- Red (98%)
- Green (22%)
- Blue (38%)



- Red (98%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (78%)
- Yellow (61%)
- Black (2%)





- Cyan (2%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0431, 24.0342, 13.9257 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 43.0431, 24.0342, 13.9257 by changing the saturation by 10% instead.


 43.0431, 24.0342,
13.9257


 43.0431, 24.0342,
13.9257


349.7075,
272.9933, 228.1805


 30.1136, 15.3590,
7.9308


 79.0312, 50.0860,
33.6724


 20.0733, 9.0717,
3.9636


 102.8205, 68.2314,
48.2613


 12.5569, 4.7880,
1.6054

 130.9605, 90.3023,
66.5519

 7.1991, 2.1234,
0.2947

 163.8165,
116.6831, 88.9629

 3.6343, 0.6777,
0.0000

 201.7538,
147.7582, 115.9126

 1.4974, 0.0000,
0.0000

245.1378,

 0.3241, 0.0000,

183.9120, 147.8198

0.0000

294.3339,
225.5289, 185.1029

■ 0.0000, 0.0000,
0.0000

■ 43.0431, 24.0342,
13.9257

■ 43.0431, 24.0342,
13.9257

■ 41.3044, 21.8607,
9.3278

■ 45.6134, 27.5094,
19.9177

■ 40.2742, 20.7684,
5.9995


■ 49.1080, 32.4465,
27.4087


■ 40.0925, 20.5912,
5.3647


■ 53.6085, 38.9871,
36.4942


■ 59.1871, 47.2549,
47.2613

■ 65.9088, 57.3611,
59.7904

 73.8338, 69.4079,
74.1567

 83.0178, 83.4898,
90.4311

 93.1880, 99.0454,
108.5722

 93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



43.7186, 24.0342, 37.7266



43.0431, 24.0342, 13.9257



36.1848, 24.0342, 4.1633

Triad

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



43.0431, 24.0342, 13.9257



12.4458, 24.0342, 5.2594



19.4703, 24.0342, 107.9722

Complementary

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



43.0431, 24.0342, 13.9257



47.2042, 73.7668, 71.4347

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.



13.2660, 24.0342, 81.1321



43.0431, 24.0342, 13.9257



9.9664, 24.0342, 17.2519

Square

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



43.0431, 24.0342, 13.9257



18.0295, 24.0342, 1.8325



10.2220, 24.0342, 44.0596



28.4467, 24.0342, 104.7593

Rectangle

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



43.0431, 24.0342, 13.9257



29.8305, 24.0342, 2.0489



10.2220, 24.0342, 44.0596



17.0432, 24.0342, 101.6975

Sweetspot

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



43.0437, 24.0356, 13.9261



72.5730, 65.5036, 69.1685



44.6741, 23.1375, 92.5533



14.9143, 13.0812, 13.6757



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.



43.0437, 24.0356, 13.9261



42.5336, 22.1196, 7.6868



45.8203, 31.9736, 7.5000



17.3983, 17.2867, 18.6874



21.3094, 10.9395, 3.0717



2.0110, 1.0282, 0.4816

Inverse Universe

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



43.0437, 24.0356, 13.9261



42.5336, 22.1196, 7.6868



38.4105, 46.7903, 97.4489



17.3983, 17.2867, 18.6874



21.3094, 10.9395, 3.0717



2.0110, 1.0282, 0.4816

Previews

White Background



This preview shows how the XYZ color 43.0431, 24.0342, 13.9257 looks on a white background.

Color Contrast Check

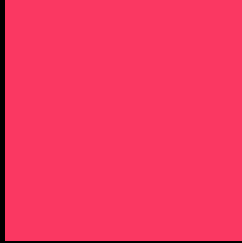
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0431, 24.0342, 13.9257 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 43.0431, 24.0342, 13.9257

Background



This preview shows how black text looks on a background with the XYZ color 43.0431, 24.0342, 13.9257.



This preview shows how white text looks on a background with the XYZ color 43.0431, 24.0342,

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

43.0431, 24.0342, 13.9257

Protanopia

23.2400, 24.1469, 25.6262

Deuteranopia

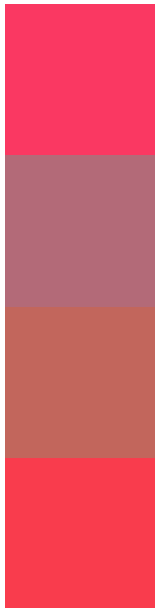
24.5120, 24.0865, 12.5898



Tritanopia

41.7986, 24.0764, 7.4452

Trichromacy



Original Color

43.0431, 24.0342, 13.9257

Protanomaly

27.1346, 21.2478, 20.4404

Deuteranomaly

28.9313, 21.7448, 12.7975

Tritanomaly

42.0223, 23.9073, 9.4209

Monochromacy



Original Color

43.0431, 24.0342, 13.9257

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.9885, 17.7289, 17.2493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0431, 24.0342, 13.9257 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(250, 56, 98)` looks like.

```
.text, #text, p{  
    color:rgb(250, 56, 98)  
}
```

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(250, 56, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 56, 98) }
```

Border

The CSS property to change the border of an element to XYZ 43.0431, 24.0342, 13.9257 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(250, 56, 98) }
```


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

```
.border{ border-color:rgb(250, 56, 98) }
```

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

Here you see how a box with a 4 pixel rgb(250, 56, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 56, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 56, 98);  
box-shadow:4px 4px 4px 4px rgb(250, 56,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0431, 24.0342, 13.9257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 56, 98) }
```

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

```
.background{ background-color: rgb(250, 56,  
98) }
```

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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