

Converting Colors

XYZ(43.2498, 22.9272, 24.8859)

Have a look what the booklet for
XYZ(43.2498, 22.9272, 24.8859)
contains.

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Color

**XYZ(43.1380, 22.8597,
25.0604)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F62887 |
| RGB | 246, 40, 135 |
| RGB Percent | 96%, 16%, 53% |
| CMY | 0.0353, 0.8431, 0.4706 |
| CMYK | 0.00, 0.84, 0.45, 0.04 |
| HSL | 332°, 92%, 56% |
| HSV | 332°, 84%, 96% |
| XYZ | 43.1380, 22.8597, 25.0604 |
| YIQ | 112.4240, 92.2810, 73.2170 |

Conversions

Conversions Part 2

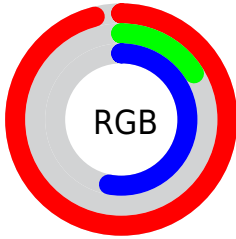
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 246, 40, 135 |
| Decimal | 16132231 |
| CIE Lab | 54.93, 78.52, -0.28 |
| CIE LCh | 55, 78.525, 359.797 |
| Yxy | 22.8597, 0.4737, 0.2510 |
| Android (android.graphics.Color) | 4294322311 (0xFFFF62887) |
| YUV | 112.4240, 11.1300, 117.1462 |
| Hunter-Lab | 47.8118, 77.3801, 2.3916 |

Details

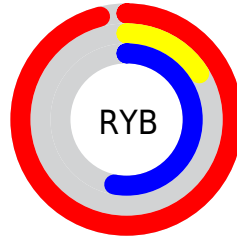
The XYZ color **43.1380, 22.8597, 25.0604** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **39.4191, 68.5979, 40.4497**, and the grayscale version is **15.4778, 16.2839, 17.7332**.

A 20% lighter version of the original color is **56.0015, 36.2597, 51.6242**, and **21.2082, 10.7392, 9.7592** is the 20% darker color. If you saturate the color by 10%, you get **41.6798, 21.3452, 20.2525**, and if you desaturate by 10%, it is **45.2402, 25.4762, 30.6567**.

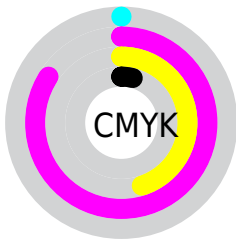
Distribution



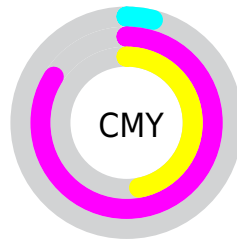
- Red (96%)
- Green (16%)
- Blue (53%)



- Red (96%)
- Yellow (16%)
- Blue (53%)



- Cyan (0%)
- Magenta (84%)
- Yellow (45%)
- Black (4%)





- Cyan (4%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1380, 22.8597, 25.0604 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 43.1380, 22.8597, 25.0604 by changing the saturation by 10% instead.


 43.1380, 22.8597,
25.0604


 43.1380, 22.8597,
25.0604


350.0909,
267.0036, 291.5959


 30.1884, 14.4899,
15.9026


 79.1735, 48.1629,
52.7205

 20.1304, 8.4622,
9.3017


 102.9901, 65.8650,
72.0600


 12.5987, 4.3921,
4.8390


 131.1597, 87.4468,
95.6304

 7.2279, 1.8952,
2.0960

 164.0477,
113.2926, 123.8503

 3.6526, 0.5455,
0.6134

 202.0195,
143.7868, 157.1383

 1.5075, 0.0000,
0.0000

245.4404,

 0.3310, 0.0000,

179.3137, 195.9128

0.0000

294.6757,
220.2579, 240.5925

■ 0.0000, 0.0000,
0.0000

■ 43.1380, 22.8597,
25.0604

■ 43.1380, 22.8597,
25.0604

■ 41.6798, 21.3452,
20.2525

■ 45.2402, 25.4762,
30.6567

■ 41.0111, 20.7948,
17.6035

■ 48.0751, 29.3656,
37.0904

■ 51.7183, 34.6730,
44.4059

■ 56.2348, 41.5226,
52.6428

■ 61.6827, 50.0248,
61.8379

68.1148, 60.2798,
72.0255

75.5798, 72.3801,
83.2380

84.1232, 86.4111,
95.5058

91.7050, 98.2884,
108.1643

Harmonies

Analogous

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



39.6466, 22.8597, 57.6423



43.1380, 22.8597, 25.0604



39.7352, 22.8597, 7.8576

Triad

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



43.1380, 22.8597, 25.0604



14.4244, 22.8597, 2.1605



14.3465, 22.8597, 93.5815

Complementary

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



43.1380, 22.8597, 25.0604



39.4191, 68.5979, 40.4497

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.



10.1965, 22.8597, 57.1293



43.1380, 22.8597, 25.0604



10.2323, 22.8597, 7.7221

Square

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



43.1380, 22.8597, 25.0604



21.7868, 22.8597, 1.1408



8.9174, 22.8597, 24.7210



21.6683, 22.8597, 110.2175

Rectangle

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



43.1380, 22.8597, 25.0604



34.4253, 22.8597, 3.2932



8.9174, 22.8597, 24.7210



12.6132, 22.8597, 82.4084

Sweetspot

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



43.1386, 22.8610, 25.0608



72.9294, 63.8323, 76.6367



29.9489, 14.6450, 88.4369



15.0682, 12.7961, 15.5547



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.



43.1386, 22.8610, 25.0608



44.4853, 22.5581, 19.0198



39.4013, 21.7701, 4.1347



16.8170, 16.6097, 18.7829



21.9593, 11.1272, 9.7599



1.9813, 0.9985, 1.1279

Inverse Universe

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



43.1386, 22.8610, 25.0608



44.4853, 22.5581, 19.0198



48.4161, 68.9167, 97.9390



16.8170, 16.6097, 18.7829



21.9593, 11.1272, 9.7599



1.9813, 0.9985, 1.1279

Previews

White Background



This preview shows how the XYZ color 43.1380, 22.8597, 25.0604 looks on a white background.

Color Contrast Check

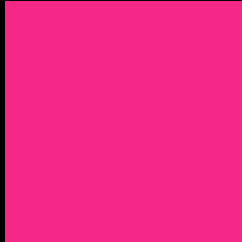
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1380, 22.8597, 25.0604 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 43.1380, 22.8597, 25.0604

Background



This preview shows how black text looks on a background with the XYZ color 43.1380, 22.8597, 25.0604.



This preview shows how white text looks on a background with the XYZ color 43.1380, 22.8597,

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

43.1380, 22.8597, 25.0604

Protanopia

23.8917, 23.1305, 50.2191

Deuteranopia

23.3237, 22.8625, 22.5856



Tritanopia

39.3788, 22.8256, 7.4845

Trichromacy



Original Color

43.1380, 22.8597, 25.0604



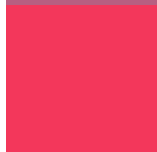
Protanomaly

26.2429, 19.0579, 39.3412



Deuteranomaly

27.5831, 19.8367, 23.1440



Tritanomaly

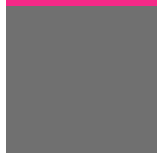
40.2167, 22.5424, 12.1290

Monochromacy



Original Color

43.1380, 22.8597, 25.0604



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

21.4159, 15.5887, 19.6495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1380, 22.8597, 25.0604 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(246, 40, 135)` looks like.

```
.text, #text, p{  
    color:rgb(246, 40, 135)  
}
```

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(246, 40, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 40, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.1380, 22.8597, 25.0604 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(246, 40, 135) }
```


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

```
.border{ border-color:rgb(246, 40, 135) }
```

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

Here you see how a box with a 4 pixel rgb(246, 40, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 40, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 40, 135);  
box-shadow:4px 4px 4px 4px rgb(246, 40,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1380, 22.8597, 25.0604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 40, 135) }
```

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

```
.background{ background-color: rgb(246, 40,  
135) }
```

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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