

Converting Colors

XYZ(43.5903, 21.9862, 23.9695)

Have a look what the booklet for
XYZ(43.5903, 21.9862, 23.9695)
contains.

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Color

**XYZ(43.6580, 22.0174,
24.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0085
RGB	250, 0, 133
RGB Percent	98%, 0%, 52%
CMY	0.0196, 0.9998, 0.4784
CMYK	0.00, 1.00, 0.47, 0.02
HSL	328°, 100%, 49%
HSV	328°, 100%, 98%
XYZ	43.6580, 22.0174, 24.1391
YIQ	89.9120, 106.3070, 94.3630

Conversions

Conversions Part 2

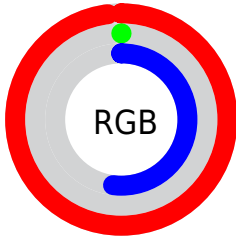
Format	Color
R_{YB}	250, 0, 133
Decimal	16384133
CIE _{Lab}	54.05, 83.86, -0.28
CIE _{LCh}	54, 83.865, 359.810
Yxy	22.0174, 0.4861, 0.2451
Android (android.graphics.Color)	4294574213 (0xFFFA0085)
YUV	89.9120, 21.2424, 140.3972
Hunter-Lab	46.9227, 83.9659, 2.3445

Details

The XYZ color **43.6580, 22.0174, 24.1391** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **37.4006, 69.6572, 28.3215**, and the grayscale version is **9.6430, 10.1452, 11.0481**.

A 20% lighter version of the original color is **54.5648, 33.7289, 50.0888**, and **22.0938, 11.2049, 9.3858** is the 20% darker color. If you saturate the color by 10%, you get **43.6561, 22.0167, 24.1293**, and if you desaturate by 10%, it is **44.8611, 23.0569, 28.7542**.

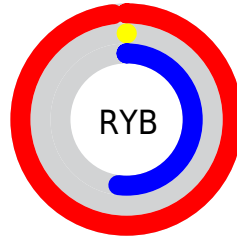
Distribution



Red (98%)

Green (0%)

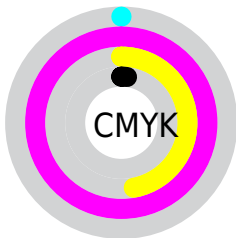
Blue (52%)



Red (98%)

Yellow (0%)

Blue (52%)

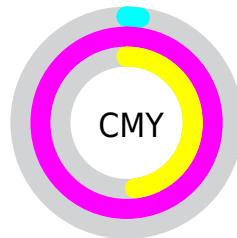


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6580, 22.0174, 24.1391 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 43.6580, 22.0174, 24.1391 by changing the saturation by 10% instead.

43.6580, 22.0174,
24.1391

43.6580, 22.0174,
24.1391

352.1867,
262.6371, 286.8321

30.5985, 13.8697,
15.2237

79.9524, 46.7748,
51.2038

20.4436, 8.0301,
8.8282

103.9180, 64.1532,
70.1901

12.8281, 4.1142,
4.5340

132.2497, 85.3773,
93.3705

7.3864, 1.7377,
1.9226

165.3128,
110.8315, 121.1635

3.7534, 0.4479,
0.5071

203.4727,
140.9002, 153.9876

1.5636, 0.0000,
0.0000

247.0947,

0.3685, 0.0000,

175.9678, 192.2614

0.0000

296.5443,
216.4186, 236.4034

■ 0.0000, 0.0000,
0.0000

■ 43.6580, 22.0174,
24.1391

■ 43.6580, 22.0174,
24.1391

■ 43.6561, 22.0167,
24.1293

■ 44.8611, 23.0569,
28.7542

■ 46.6026, 25.0242,
34.0069

■ 49.0223, 28.1953,
39.9573

■ 52.2061, 32.7371,
46.6466

■ 56.2259, 38.7902,
54.1110

■ 61.1453, 46.4774,
62.3836

■ 67.0210, 55.9088,
71.4946

■ 73.9051, 67.1848,
81.4725

■ 81.8456, 80.3981,
92.3438

Harmonies

Analogous

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



39.9090, 22.0174, 58.8792



43.6580, 22.0174, 24.1391



39.9980, 22.0174, 6.7299

Triad

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



43.6580, 22.0174, 24.1391



13.3996, 22.0174, 1.5052



13.3254, 22.0174, 98.2388

Complementary

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



43.6580, 22.0174, 24.1391



37.4006, 69.6572, 28.3215

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.



9.1496, 22.0174, 58.3589



43.6580, 22.0174, 24.1391



9.1829, 22.0174, 6.6078

Square

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



43.6580, 22.0174, 24.1391



20.9847, 22.0174, 0.6514



7.8837, 22.0174, 23.8081



20.8691, 22.0174, 116.6261

Rectangle

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



43.6580, 22.0174, 24.1391



34.3183, 22.0174, 2.4813



7.8837, 22.0174, 23.8081



11.5700, 22.0174, 85.9433

Sweetspot

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



43.6586, 22.0187, 24.1394



70.0713, 58.4246, 74.7328



24.5515, 10.6644, 91.2068



14.4165, 11.5658, 15.1120



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.



43.6586, 22.0187, 24.1394



45.6579, 23.0271, 25.1941



39.4709, 20.3436, 2.0873



17.6305, 17.3796, 19.9099



23.2300, 11.7077, 13.1857



2.2051, 1.1058, 1.5034

Inverse Universe

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



43.6586, 22.0187, 24.1394



45.6579, 23.0271, 25.1941



50.1635, 74.7624, 95.5303



17.6305, 17.3796, 19.9099



23.2300, 11.7077, 13.1857



2.2051, 1.1058, 1.5034

Previews

White Background



This preview shows how the XYZ color 43.6580, 22.0174, 24.1391 looks on a white background.

Color Contrast Check

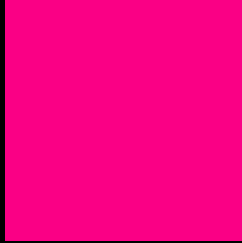
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6580, 22.0174, 24.1391 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 43.6580, 22.0174, 24.1391

Background



This preview shows how black text looks on a background with the XYZ color 43.6580, 22.0174, 24.1391.

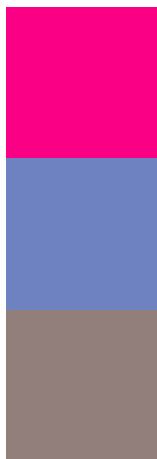


This preview shows how white text looks on a background with the XYZ color 43.6580, 22.0174,

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

43.6580, 22.0174, 24.1391

Protanopia

23.7951, 22.8213, 53.0200

Deuteranopia

22.8278, 22.4378, 21.5401



Tritanopia

39.9217, 22.3961, 5.5869

Trichromacy



Original Color

43.6580, 22.0174, 24.1391



Protanomaly

25.0659, 16.5519, 40.4018



Deuteranomaly

26.4017, 17.4340, 21.7122



Tritanomaly

40.4528, 21.5274, 10.0057

Monochromacy



Original Color

43.6580, 22.0174, 24.1391



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

16.2774, 10.2628, 14.7587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6580, 22.0174, 24.1391 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, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 133)  
}
```

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, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 133) }
```

Border

The CSS property to change the border of an element to XYZ 43.6580, 22.0174, 24.1391 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, 0, 133) }
```


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

```
.border{ border-color:rgb(250, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6580, 22.0174, 24.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 133) }
```

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

```
.background{ background-color: rgb(250, 0,  
133) }
```

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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