

Converting Colors

XYZ(43.9709, 22.7576, 22.0598)

Have a look what the booklet for
XYZ(43.9709, 22.7576, 22.0598)
contains.

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Color

**XYZ(43.9621, 22.7368,
22.1503)**

Conversions

Conversions Part 1

Format	Color
Hex	FB197F
RGB	251, 25, 127
RGB Percent	98%, 10%, 50%
CMY	0.0157, 0.9018, 0.5020
CMYK	0.00, 0.90, 0.49, 0.02
HSL	333°, 97%, 54%
HSV	333°, 90%, 98%
XYZ	43.9621, 22.7368, 22.1503
YIQ	104.2020, 101.9540, 79.6340

Conversions

Conversions Part 2

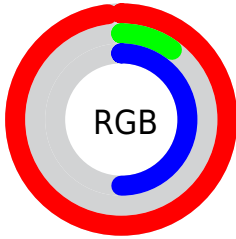
Format	Color
R_{YB}	251, 25, 127
Decimal	16456063
CIE _{Lab}	54.80, 81.51, 4.44
CIE _{LCh}	55, 81.626, 3.120
Yxy	22.7368, 0.4948, 0.2559
Android (android.graphics.Color)	4294646143 (0xFFFB197F)
YUV	104.2020, 11.2394, 128.7418
Hunter-Lab	47.6831, 81.1250, 5.8361

Details

The XYZ color **43.9621, 22.7368, 22.1503** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **40.3261, 71.3722, 40.0978**, and the grayscale version is **13.1684, 13.8541, 15.0872**.

A 20% lighter version of the original color is **54.4283, 34.6178, 46.4610**, and **22.1142, 11.2414, 8.2120** is the 20% darker color. If you saturate the color by 10%, you get **42.7791, 21.7074, 17.6361**, and if you desaturate by 10%, it is **45.7208, 24.7181, 27.4726**.

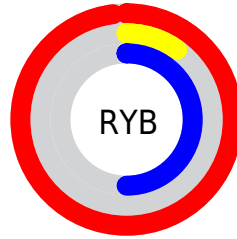
Distribution



Red (98%)

Green (10%)

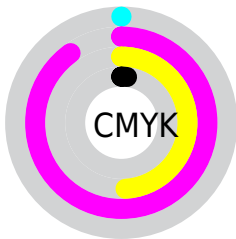
Blue (50%)



Red (98%)

Yellow (10%)

Blue (50%)

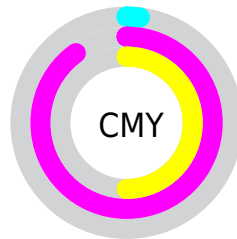


Cyan (0%)

Magenta (90%)

Yellow (49%)

Black (2%)



Cyan (2%)


Magenta (90%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9621, 22.7368, 22.1503 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 43.9621, 22.7368, 22.1503 by changing the saturation by 10% instead.


 43.9621, 22.7368,
22.1503


 43.9621, 22.7368,
22.1503


353.4084,
266.3703, 276.3092


 30.8385, 14.3993,
13.7680

 80.4074, 47.9608,
47.8997


 20.6271, 8.3989,
7.8226


 104.4598, 65.6161,
66.1038


 12.9626, 4.3512,
3.8955

 132.8859, 87.1460,
88.4190

 7.4796, 1.8719,
1.5682

 166.0510,
112.9351, 115.2637

 3.8128, 0.5314,
0.2680

 204.3204,
143.3677, 147.0566

 1.5968, 0.0000,
0.0000

248.0596,

 0.3903, 0.0000,

178.8281, 184.2161

0.0000

297.6338,
219.7008, 227.1608

■ 0.0000, 0.0000,
0.0000

■ 43.9621, 22.7368,
22.1503

■ 43.9621, 22.7368,
22.1503

■ 42.7791, 21.7074,
17.6361


■ 45.7208, 24.7181,
27.4726


■ 48.1939, 27.9243,
33.6614


■ 51.4705, 32.5265,
40.7683


■ 55.6253, 38.6674,
48.8391

■ 60.7239, 46.4716,
57.9154

 66.8251, 56.0511,
68.0360

 73.9832, 67.5078,
79.2370

 82.2480, 80.9361,
91.5529

 91.6662, 96.4238,
105.0162

Harmonies

Analogous

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



41.0617, 22.7368, 54.6824



43.9621, 22.7368, 22.1503



39.6305, 22.7368, 6.3277

Triad

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



43.9621, 22.7368, 22.1503



13.4529, 22.7368, 2.1083



14.6804, 22.7368, 100.7277

Complementary

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



43.9621, 22.7368, 22.1503



40.3261, 71.3722, 40.0978

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.



10.0978, 22.7368, 63.0147



43.9621, 22.7368, 22.1503



9.5399, 22.7368, 8.4072

Square

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



43.9621, 22.7368, 22.1503



20.6804, 22.7368, 0.9073



8.5082, 22.7368, 27.5595



22.5684, 22.7368, 114.8261

Rectangle

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



43.9621, 22.7368, 22.1503



33.7775, 22.7368, 2.4910



8.5082, 22.7368, 27.5595



12.7849, 22.7368, 89.5190

Sweetspot

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



43.9627, 22.7381, 22.1506



71.3834, 61.4622, 73.8960



29.5348, 13.7313, 92.3604



14.7665, 12.3406, 14.9983



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.



43.9627, 22.7381, 22.1506



44.3385, 22.4994, 18.2465



40.4912, 21.6432, 2.9650



17.5702, 17.3554, 19.5925



22.5576, 11.4388, 9.6448



2.1418, 1.0805, 1.1704

Inverse Universe

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



43.9627, 22.7381, 22.1506



44.3385, 22.4994, 18.2465



50.0049, 71.5535, 102.4423



17.5702, 17.3554, 19.5925



22.5576, 11.4388, 9.6448



2.1418, 1.0805, 1.1704

Previews

White Background



This preview shows how the XYZ color 43.9621, 22.7368, 22.1503 looks on a white background.

Color Contrast Check

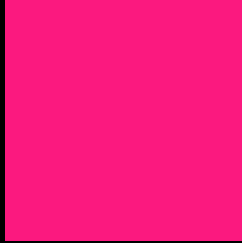
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9621, 22.7368, 22.1503 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 43.9621, 22.7368, 22.1503

Background



This preview shows how black text looks on a background with the XYZ color 43.9621, 22.7368, 22.1503.



This preview shows how white text looks on a background with the XYZ color 43.9621, 22.7368,

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

43.9621, 22.7368, 22.1503

Protanopia

23.6592, 23.0834, 46.9246

Deuteranopia

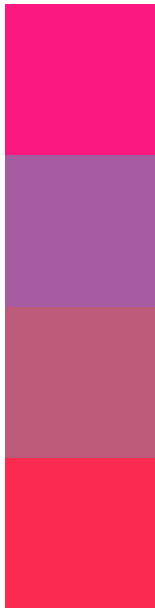
23.3779, 22.9471, 20.0267



Tritanopia

40.7202, 22.8706, 5.8827

Trichromacy



Original Color

43.9621, 22.7368, 22.1503

Protanomaly

25.9861, 18.3345, 35.8875

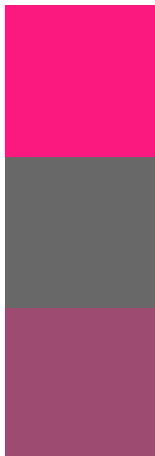
Deuteranomaly

27.6009, 19.2576, 20.3515

Tritanomaly

41.4160, 22.4616, 9.9372

Monochromacy



Original Color

43.9621, 22.7368, 22.1503

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

19.3453, 13.3701, 16.8903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9621, 22.7368, 22.1503 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, 25, 127)` looks like.

```
.text, #text, p{  
    color:rgb(251, 25, 127)  
}
```

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, 25, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 25, 127) }
```

Border

The CSS property to change the border of an element to XYZ 43.9621, 22.7368, 22.1503 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, 25, 127) }
```


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

```
.border{ border-color:rgb(251, 25, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 25, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 25, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 25, 127);  
box-shadow:4px 4px 4px 4px rgb(251, 25,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9621, 22.7368, 22.1503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 25, 127) }
```

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

```
.background{ background-color: rgb(251, 25,  
127) }
```

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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