

Converting Colors

XYZ(43.9945, 22.2541, 21.2990)

Have a look what the booklet for
XYZ(43.9945, 22.2541, 21.2990)
contains.

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Color

**XYZ(43.8466, 22.1761,
21.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	FC007D
RGB	252, 0, 125
RGB Percent	99%, 0%, 49%
CMY	0.0118, 0.9998, 0.5098
CMYK	0.00, 1.00, 0.50, 0.01
HSL	330°, 100%, 49%
HSV	330°, 100%, 99%
XYZ	43.8466, 22.1761, 21.3715
YIQ	89.5980, 110.0670, 92.2990

Conversions

Conversions Part 2

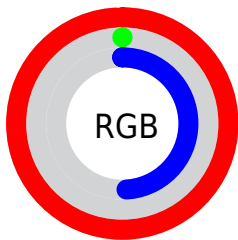
Format	Color
R_{YB}	252, 0, 125
Decimal	16515197
CIE _{Lab}	54.21, 83.70, 4.83
CIE _{LCh}	54, 83.835, 3.300
Yxy	22.1761, 0.5017, 0.2537
Android (android.graphics.Color)	4294705277 (0xFFFC007D)
YUV	89.5980, 17.4532, 142.4266
Hunter-Lab	47.0915, 83.7901, 6.0565

Details

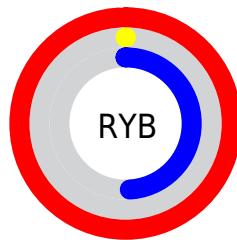
The XYZ color **43.8466, 22.1761, 21.3715** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **38.6459, 71.1550, 31.7970**, and the grayscale version is **9.5811, 10.0800, 10.9772**.

A 20% lighter version of the original color is **53.6377, 33.3580, 45.2067**, and **22.0786, 11.2272, 8.0246** is the 20% darker color. If you saturate the color by 10%, you get **43.8445, 22.1753, 21.3611**, and if you desaturate by 10%, it is **45.0641, 23.2283, 26.0407**.

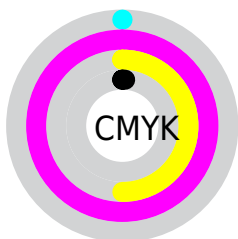
Distribution



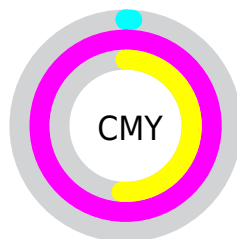
- Red (99%)
- Green (0%)
- Blue (49%)



- Red (99%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8466, 22.1761, 21.3715 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 43.8466, 22.1761, 21.3715 by changing the saturation by 10% instead.

 43.8466, 22.1761,
21.3715


 43.8466, 22.1761,
21.3715


352.9447,
263.4645, 272.0919

 30.7473, 13.9864,
13.2019


 80.2346, 47.0369,
46.5938


 20.5574, 8.1112,
7.4354


 104.2541, 64.4767,
64.4836


 12.9115, 4.1662,
3.6533


 132.6444, 85.7687,
86.4506

 7.4442, 1.7669,
1.4371

 165.7708,
111.2972, 112.9133

 3.7902, 0.4664,
0.1704

 203.9986,
141.4466, 144.2902

 1.5841, 0.0000,
0.0000

247.6933,

 0.3820, 0.0000,

176.6014, 180.9999

0.0000

297.2203,
217.1459, 223.4610

■ 0.0000, 0.0000,
0.0000

■ 43.8466, 22.1761,
21.3715

■ 43.8466, 22.1761,
21.3715

■ 43.8445, 22.1753,
21.3611

■ 45.0641, 23.2283,
26.0407

■ 46.8431, 25.2314,
31.4273

■ 49.3267, 28.4661,
37.5965

■ 52.6030, 33.1031,
44.5942

■ 56.7464, 39.2860,
52.4610

61.8220, 47.1403,
61.2339

67.8884, 56.7785,
70.9472

74.9994, 68.3032,
81.6328

83.2045, 81.8093,
93.3210

Harmonies

Analogous

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



40.9182, 22.1761, 54.4264



43.8466, 22.1761, 21.3715



39.3688, 22.1761, 5.7487

Triad

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



43.8466, 22.1761, 21.3715



12.8493, 22.1761, 1.8042



14.1464, 22.1761, 102.4069

Complementary

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



43.8466, 22.1761, 21.3715



38.6459, 71.1550, 31.7970

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.



9.5656, 22.1761, 63.4871



43.8466, 22.1761, 21.3715



8.9824, 22.1761, 7.8923

Square

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



43.8466, 22.1761, 21.3715



20.0853, 22.1761, 0.6834



7.9809, 22.1761, 27.1508



22.1023, 22.1761, 116.8323

Rectangle

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



43.8466, 22.1761, 21.3715



33.3742, 22.1761, 2.1242



7.9809, 22.1761, 27.1508



12.2471, 22.1761, 90.8335

Sweetspot

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



43.8472, 22.1774, 21.3718



69.7113, 58.2806, 72.8375



26.1801, 11.4676, 92.9289



14.3314, 11.5318, 14.6639



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.



43.8472, 22.1774, 21.3718



45.0355, 22.7782, 21.9166



40.1458, 20.6969, 1.8808



17.6035, 17.3688, 19.7679



22.9134, 11.5811, 11.5184



2.1756, 1.0940, 1.3483

Inverse Universe

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



43.8472, 22.1774, 21.3718



45.0355, 22.7782, 21.9166



52.3818, 76.6493, 104.1293



17.6035, 17.3688, 19.7679



22.9134, 11.5811, 11.5184



2.1756, 1.0940, 1.3483

Previews

White Background



This preview shows how the XYZ color 43.8466, 22.1761, 21.3715 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 43.8466, 22.1761, 21.3715 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 43.8466, 22.1761, 21.3715

Background



This preview shows how black text looks on a background with the XYZ color 43.8466, 22.1761, 21.3715.



This preview shows how white text looks on a background with the XYZ color 43.8466, 22.1761,

21.3715.

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

43.8466, 22.1761, 21.3715

Protanopia

23.3932, 22.7497, 46.8742

Deuteranopia

23.0758, 22.6206, 19.0696



Tritanopia

40.7832, 22.6512, 5.2402

Trichromacy



Original Color

43.8466, 22.1761, 21.3715



Protanomaly

24.9674, 16.6071, 35.6078



Deuteranomaly

26.6322, 17.6101, 19.1350



Tritanomaly

41.2804, 21.8928, 9.0712

Monochromacy



Original Color

43.8466, 22.1761, 21.3715



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

16.3057, 10.2951, 13.9597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8466, 22.1761, 21.3715 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(252, 0, 125)` looks like.

```
.text, #text, p{  
  color:rgb(252, 0, 125)  
}
```

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(252, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 125) }
```

Border

The CSS property to change the border of an element to XYZ 43.8466, 22.1761, 21.3715 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(252, 0, 125) }
```


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

```
.border{ border-color:rgb(252, 0, 125) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8466, 22.1761, 21.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 125) }
```

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

```
.background{ background-color: rgb(252, 0,  
125) }
```

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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