

Converting Colors

XYZ(44.3407, 22.3926, 23.1219)

Have a look what the booklet for
XYZ(44.3407, 22.3926, 23.1219)
contains.

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Color

**XYZ(44.1741, 22.3072,
23.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0082
RGB	252, 0, 130
RGB Percent	99%, 0%, 51%
CMY	0.0118, 0.9997, 0.4902
CMYK	0.00, 1.00, 0.48, 0.01
HSL	329°, 100%, 49%
HSV	329°, 100%, 99%
XYZ	44.1741, 22.3072, 23.0966
YIQ	90.1680, 108.4620, 93.8540

Conversions

Conversions Part 2

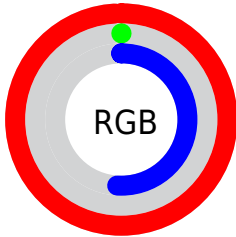
Format	Color
R_{YB}	252, 0, 130
Decimal	16515202
CIE _{Lab}	54.35, 84.06, 2.02
CIE _{LCh}	54, 84.084, 1.375
Yxy	22.3072, 0.4931, 0.2490
Android (android.graphics.Color)	4294705282 (0xFFFC0082)
YUV	90.1680, 19.6372, 141.9267
Hunter-Lab	47.2305, 84.2955, 4.0674

Details

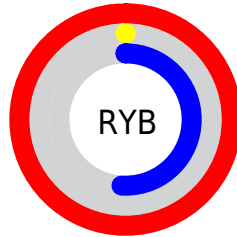
The XYZ color **44.1741, 22.3072, 23.0966** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **38.3281, 71.0277, 30.1238**, and the grayscale version is **9.7046, 10.2100, 11.1187**.

A 20% lighter version of the original color is **54.2491, 33.6026, 48.4264**, and **22.2242, 11.2854, 8.7915** is the 20% darker color. If you saturate the color by 10%, you get **44.1717, 22.3062, 23.0850**, and if you desaturate by 10%, it is **45.3958, 23.3612, 27.7879**.

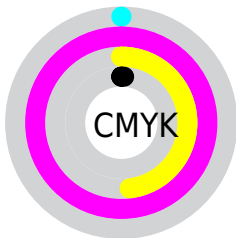
Distribution



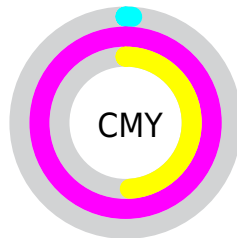
- Red (99%)
- Green (0%)
- Blue (51%)



- Red (99%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1741, 22.3072, 23.0966 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 44.1741, 22.3072, 23.0966 by changing the saturation by 10% instead.

44.1741, 22.3072,
23.0966

44.1741, 22.3072,
23.0966

354.2585,
264.1464, 281.3587

31.0059, 14.0828,
14.4589

80.7244, 47.2532,
49.4771

20.7552, 8.1783,
8.2981

104.8372, 64.7436,
68.0570

13.0566, 4.2092,
4.1958

133.3289, 86.0915,
90.7880

7.5448, 1.7913,
1.7334

166.5648,
111.6812, 118.0886

3.8544, 0.4817,
0.3834

204.9104,
141.8971, 150.3775

1.6201, 0.0000,
0.0000

248.7310,

0.4055, 0.0000,

177.1237, 188.0731

0.0000

298.3919,
217.7453, 231.5940

■ 0.0000, 0.0000,
0.0000

■ 44.1741, 22.3072,
23.0966

■ 44.1741, 22.3072,
23.0966

■ 44.1717, 22.3062,
23.0850

■ 45.3958, 23.3612,
27.7879

■ 47.1721, 25.3634,
33.1592

■ 49.6453, 28.5942,
39.2731

■ 52.9033, 33.2242,
46.1734

■ 57.0200, 39.3967,
53.8987

■ 62.0601, 47.2371,
62.4840

■ 68.0820, 56.8578,
71.9615

■ 75.1390, 68.3613,
82.3617

■ 83.2804, 81.8422,
93.7129

Harmonies

Analogous

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



40.7579, 22.3072, 57.4140



44.1741, 22.3072, 23.0966



40.1070, 22.3072, 6.3398

Triad

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



44.1741, 22.3072, 23.0966



13.2815, 22.3072, 1.6514



13.8255, 22.3072, 101.0787

Complementary

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



44.1741, 22.3072, 23.0966



38.3281, 71.0277, 30.1238

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.



9.4275, 22.3072, 61.2209



44.1741, 22.3072, 23.0966



9.1831, 22.3072, 7.2366

Square

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



44.1741, 22.3072, 23.0966



20.7819, 22.3072, 0.6746



8.0062, 22.3072, 25.5212



21.6284, 22.3072, 117.8664

Rectangle

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



44.1741, 22.3072, 23.0966



34.2275, 22.3072, 2.3399



8.0062, 22.3072, 25.5212



11.9884, 22.3072, 88.9816

Sweetspot

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



44.1747, 22.3085, 23.0969



69.9090, 58.3597, 73.8784



25.5740, 11.1553, 92.9002



14.3781, 11.5505, 14.9099



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.



44.1747, 22.3085, 23.0969



45.3717, 22.9127, 23.6874



40.1688, 20.7062, 2.0021



17.6184, 17.3747, 19.8461



23.0846, 11.6496, 12.4198



2.1916, 1.1004, 1.4325

Inverse Universe

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



44.1747, 22.3085, 23.0969



45.3717, 22.9127, 23.6874



51.7234, 76.3858, 100.6626



17.6184, 17.3747, 19.8461



23.0846, 11.6496, 12.4198



2.1916, 1.1004, 1.4325

Previews

White Background



This preview shows how the XYZ color 44.1741, 22.3072, 23.0966 looks on a white background.

Color Contrast Check

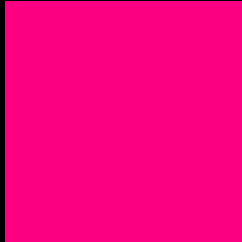
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.1741, 22.3072, 23.0966 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 44.1741, 22.3072, 23.0966

Background



This preview shows how black text looks on a background with the XYZ color 44.1741, 22.3072, 23.0966.



This preview shows how white text looks on a background with the XYZ color 44.1741, 22.3072,

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

44.1741, 22.3072, 23.0966

Protanopia

23.7374, 22.8421, 50.7348

Deuteranopia

23.1319, 22.8066, 20.6357



Tritanopia

40.5592, 22.6604, 5.4850

Trichromacy



Original Color

44.1741, 22.3072, 23.0966



Protanomaly

25.3022, 16.7171, 38.4524



Deuteranomaly

26.7673, 17.7540, 20.7550



Tritanomaly

41.0587, 21.8066, 9.6345

Monochromacy



Original Color

44.1741, 22.3072, 23.0966



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

16.4074, 10.3357, 14.4948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1741, 22.3072, 23.0966 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 130) }
```

Border

The CSS property to change the border of an element to XYZ 44.1741, 22.3072, 23.0966 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, 130) }
```


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

```
.border{ border-color:rgb(252, 0, 130) }
```

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, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1741, 22.3072, 23.0966 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, 130) }
```

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

```
.background{ background-color: rgb(252, 0,  
130) }
```

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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