

Converting Colors

XYZ(43.6055, 22.0986, 19.2507)

Have a look what the booklet for
XYZ(43.6055, 22.0986, 19.2507)
contains.

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Color

**XYZ(43.4149, 22.0035,
19.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0076
RGB	252, 0, 118
RGB Percent	99%, 0%, 46%
CMY	0.0118, 0.9997, 0.5373
CMYK	0.00, 1.00, 0.53, 0.01
HSL	332°, 100%, 49%
HSV	332°, 100%, 99%
XYZ	43.4149, 22.0035, 19.0984
YIQ	88.8000, 112.3140, 90.1220

Conversions

Conversions Part 2

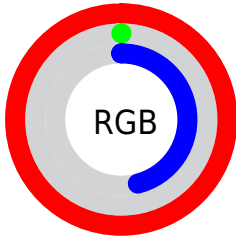
Format	Color
R_{YB}	252, 0, 118
Decimal	16515190
CIE _{Lab}	54.03, 83.21, 8.79
CIE _{LCh}	54, 83.674, 6.029
Yxy	22.0035, 0.5137, 0.2603
Android (android.graphics.Color)	4294705270 (0xFFFC0076)
YUV	88.8000, 14.3956, 143.1264
Hunter-Lab	46.9079, 83.1192, 8.6958

Details

The XYZ color **43.4149, 22.0035, 19.0984** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **39.1188, 71.3440, 34.2877**, and the grayscale version is **9.4115, 9.9016, 10.7829**.

A 20% lighter version of the original color is **52.9575, 33.0860, 41.6253**, and **21.8445, 11.1336, 6.7920** is the 20% darker color. If you saturate the color by 10%, you get **43.4126, 22.0025, 19.0872**, and if you desaturate by 10%, it is **44.6222, 23.0518, 23.7141**.

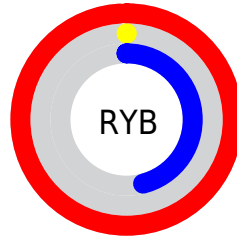
Distribution



Red (99%)

Green (0%)

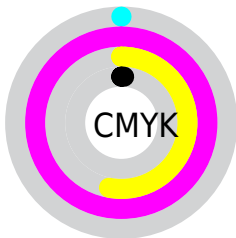
Blue (46%)



Red (99%)

Yellow (0%)

Blue (46%)

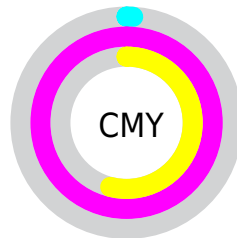


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (1%)



Cyan (1%)


Magenta (100%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4149, 22.0035, 19.0984 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 43.4149, 22.0035, 19.0984 by changing the saturation by 10% instead.


 43.4149, 22.0035,
19.0984

 43.4149, 22.0035,
19.0984

351.2079,
262.5646, 259.4323


 30.4067, 13.8595,
11.5639


 79.5884, 46.7518,
42.7392


 20.2971, 8.0230,
6.3285


 103.4844, 64.1248,
59.6826


 12.7207, 4.1097,
2.9739


 131.7405, 85.3430,
80.5993

 7.3122, 1.7351,
1.0813

 164.7218,
110.7907, 105.9079

 3.7062, 0.4462,
0.0000

 202.7939,
140.8523, 136.0270

 1.5373, 0.0000,
0.0000

246.3220,

 0.3510, 0.0000,

175.9122, 171.3751

0.0000

295.6716,
216.3548, 212.3706

■ 0.0000, 0.0000,
0.0000

■ 43.4149, 22.0035,
19.0984

■ 43.4149, 22.0035,
19.0984

■ 43.4126, 22.0025,
19.0872

■ 44.6222, 23.0518,
23.7141

■ 46.4014, 25.0551,
29.1007

■ 48.8960, 28.2944,
35.3272

■ 52.1949, 32.9407,
42.4430

■ 56.3730, 39.1378,
50.4920

■ 61.4961, 47.0114,
59.5142

■ 67.6234, 56.6742,
69.5467

■ 74.8090, 68.2291,
80.6243

■ 83.1031, 81.7711,
92.7800

Harmonies

Analogous

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



41.1702, 22.0035, 50.4263



43.4149, 22.0035, 19.0984



38.3673, 22.0035, 4.9805

Triad

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



43.4149, 22.0035, 19.0984



12.2613, 22.0035, 2.0348



14.6137, 22.0035, 104.3726

Complementary

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



43.4149, 22.0035, 19.0984



39.1188, 71.3440, 34.2877

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.



9.7661, 22.0035, 66.8190



43.4149, 22.0035, 19.0984



8.7074, 22.0035, 8.8847

Square

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



43.4149, 22.0035, 19.0984



19.1398, 22.0035, 0.6953



7.9479, 22.0035, 29.5792



22.7939, 22.0035, 115.4685

Rectangle

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



43.4149, 22.0035, 19.0984



32.2147, 22.0035, 1.8429



7.9479, 22.0035, 29.5792



12.6231, 22.0035, 93.5522

Sweetspot

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



43.4155, 22.0048, 19.0987



69.4374, 58.1711, 71.3949



26.8130, 11.7939, 92.9583



14.2668, 11.5060, 14.3236



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.



43.4155, 22.0048, 19.0987



44.5920, 22.6008, 19.5813



40.1914, 20.7881, 1.8961



17.5828, 17.3605, 19.6586



22.6872, 11.4906, 10.3272



2.1543, 1.0854, 1.2357

Inverse Universe

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



43.4155, 22.0048, 19.0987



44.5920, 22.6008, 19.5813



51.0776, 74.0409, 103.6943



17.5828, 17.3605, 19.6586



22.6872, 11.4906, 10.3272



2.1543, 1.0854, 1.2357

Previews

White Background



This preview shows how the XYZ color 43.4149, 22.0035, 19.0984 looks on a white background.

Color Contrast Check

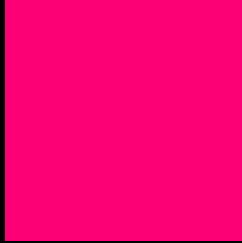
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4149, 22.0035, 19.0984 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 43.4149, 22.0035, 19.0984

Background



This preview shows how black text looks on a background with the XYZ color 43.4149, 22.0035, 19.0984.



This preview shows how white text looks on a background with the XYZ color 43.4149, 22.0035,

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

43.4149, 22.0035, 19.0984

Protanopia

22.8087, 22.5627, 41.6810

Deuteranopia

22.8029, 22.3293, 17.2955



Tritanopia

40.5766, 22.3700, 4.7640

Trichromacy



Original Color

43.4149, 22.0035, 19.0984



Protanomaly

24.6211, 16.5171, 31.5962



Deuteranomaly

26.5323, 17.5985, 17.3277



Tritanomaly

41.0583, 21.7204, 8.1593

Monochromacy



Original Color

43.4149, 22.0035, 19.0984



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

15.9761, 10.1423, 13.1722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4149, 22.0035, 19.0984 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 118) }
```

Border

The CSS property to change the border of an element to XYZ 43.4149, 22.0035, 19.0984 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, 118) }
```


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

```
.border{ border-color:rgb(252, 0, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4149, 22.0035, 19.0984 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, 118) }
```

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

```
.background{ background-color: rgb(252, 0,  
118) }
```

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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