

Converting Colors

XYZ(43.7852, 22.1878, 19.4117)

Have a look what the booklet for
XYZ(43.7852, 22.1878, 19.4117)
contains.

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Color

**XYZ(43.8378, 22.2146,
19.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	FD0077
RGB	253, 0, 119
RGB Percent	99%, 0%, 47%
CMY	0.0078, 0.9997, 0.5333
CMYK	0.00, 1.00, 0.53, 0.01
HSL	332°, 100%, 50%
HSV	332°, 100%, 99%
XYZ	43.8378, 22.2146, 19.4301
YIQ	89.2130, 112.5890, 90.6450

Conversions

Conversions Part 2

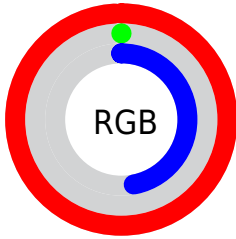
Format	Color
RYB	253, 0, 119
Decimal	16580727
CIELab	54.25, 83.49, 8.53
CIELCh	54, 83.929, 5.832
Yxy	22.2146, 0.5128, 0.2599
Android (android.graphics.Color)	4294770807 (0xFFFD0077)
YUV	89.2130, 14.6850, 143.6412
Hunter-Lab	47.1324, 83.5412, 8.5506

Details

The XYZ color **43.8378, 22.2146, 19.4301** 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 **39.4337, 71.9738, 34.3927**, and the grayscale version is **9.5020, 9.9968, 10.8865**.

A 20% lighter version of the original color is **53.0525, 33.1240, 42.1255**, and **22.1236, 11.2737, 6.9712** is the 20% darker color. If you saturate the color by 10%, you get **43.8355, 22.2136, 19.4189**, and if you desaturate by 10%, it is **45.0559, 23.2707, 24.0919**.

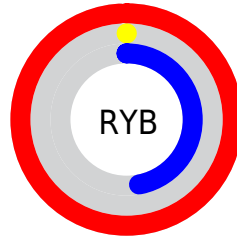
Distribution



Red (99%)

Green (0%)

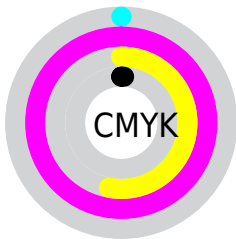
Blue (47%)



Red (99%)

Yellow (0%)

Blue (47%)

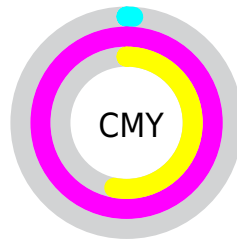


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8378, 22.2146, 19.4301 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 43.8378, 22.2146, 19.4301 by changing the saturation by 10% instead.

43.8378, 22.2146,
19.4301

43.8378, 22.2146,
19.4301

352.9094,
263.6649, 261.3144

30.7404, 14.0147,
11.8015

80.2215, 47.1004,
43.3059

20.5521, 8.1309,
6.4878

104.2384, 64.5551,
60.3903

12.9076, 4.1788,
3.0703

132.6260, 85.8635,
81.4636

7.4415, 1.7741,
1.1307

165.7494,
111.4100, 106.9445

3.7885, 0.4709,
0.0000

203.9741,
141.5790, 137.2515

1.5832, 0.0000,
0.0000

247.6654,

0.3814, 0.0000,

176.7549, 172.8031

0.0000

297.1887,
217.3221, 214.0179

■ 0.0000, 0.0000,
0.0000

■ 43.8378, 22.2146,
19.4301

■ 43.8378, 22.2146,
19.4301

■ 43.8355, 22.2136,
19.4189

■ 45.0559, 23.2707,
24.0919

■ 46.8505, 25.2906,
29.5279

■ 49.3664, 28.5575,
35.8071

■ 52.6931, 33.2442,
42.9793

■ 56.9063, 39.4957,
51.0885

■ 62.0724, 47.4391,
60.1748

■ 68.2511, 57.1882,
70.2755

■ 75.4970, 68.8467,
81.4255

■ 83.8608, 82.5107,
93.6578

Harmonies

Analogous

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



41.5233, 22.2146, 51.1647



43.8378, 22.2146, 19.4301



38.7856, 22.2146, 5.0788

Triad

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



43.8378, 22.2146, 19.4301



12.4141, 22.2146, 2.0358



14.7114, 22.2146, 105.1703

Complementary

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



43.8378, 22.2146, 19.4301



39.4337, 71.9738, 34.3927

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.



9.8397, 22.2146, 67.1760



43.8378, 22.2146, 19.4301



8.8058, 22.2146, 8.8903

Square

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



43.8378, 22.2146, 19.4301



19.3801, 22.2146, 0.7024



8.0221, 22.2146, 29.6652



22.9490, 22.2146, 116.6084

Rectangle

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



43.8378, 22.2146, 19.4301



32.5886, 22.2146, 1.8791



8.0221, 22.2146, 29.6652



12.7096, 22.2146, 94.1967

Sweetspot

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



43.8384, 22.2159, 19.4304



69.4580, 58.1793, 71.5034



27.0515, 11.8986, 93.7990



14.2716, 11.5079, 14.3492



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.



43.8384, 22.2159, 19.4304



44.6244, 22.6138, 19.7521



40.5547, 20.9757, 1.9132



18.3649, 18.1293, 20.5387



23.3912, 11.8458, 10.7106



2.3322, 1.1752, 1.3306

Inverse Universe

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



43.8384, 22.2159, 19.4304



44.6244, 22.6138, 19.7521



51.5393, 74.7102, 104.6322



18.3649, 18.1293, 20.5387



23.3912, 11.8458, 10.7106



2.3322, 1.1752, 1.3306

Previews

White Background



This preview shows how the XYZ color 43.8378, 22.2146, 19.4301 looks on a white background.

Color Contrast Check

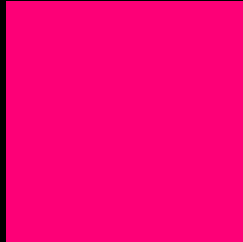
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8378, 22.2146, 19.4301 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 43.8378, 22.2146, 19.4301

Background



This preview shows how black text looks on a background with the XYZ color 43.8378, 22.2146, 19.4301.



This preview shows how white text looks on a background with the XYZ color 43.8378, 22.2146,

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

43.8378, 22.2146, 19.4301

Protanopia

23.1748, 22.9369, 42.2355

Deuteranopia

23.1165, 22.6798, 17.3466



Tritanopia

40.9539, 22.5623, 4.8858

Trichromacy



Original Color

43.8378, 22.2146, 19.4301



Protanomaly

24.9915, 16.8113, 32.0647



Deuteranomaly

26.7796, 17.7260, 17.3393



Tritanomaly

41.4505, 21.9188, 8.3494

Monochromacy



Original Color

43.8378, 22.2146, 19.4301



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

16.1578, 10.2359, 13.1807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8378, 22.2146, 19.4301 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(253, 0, 119)` looks like.

```
.text, #text, p{  
    color:rgb(253, 0, 119)  
}
```

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(253, 0, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 0, 119) }
```

Border

The CSS property to change the border of an element to XYZ 43.8378, 22.2146, 19.4301 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(253, 0, 119) }
```


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

```
.border{ border-color:rgb(253, 0, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 0, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 0, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 0, 119);  
box-shadow:4px 4px 4px 4px rgb(253, 0,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8378, 22.2146, 19.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 0, 119) }
```

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

```
.background{ background-color: rgb(253, 0,  
119) }
```

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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