

Converting Colors

XYZ(43.7134, 22.2493, 14.9545)

Have a look what the booklet for
XYZ(43.7134, 22.2493, 14.9545)
contains.

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Color

**XYZ(43.7387, 22.2595,
15.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0068
RGB	255, 0, 104
RGB Percent	100%, 0%, 41%
CMY	0.0000, 0.9997, 0.5922
CMYK	0.00, 1.00, 0.59, 0.00
HSL	336°, 100%, 50%
HSV	336°, 100%, 100%
XYZ	43.7387, 22.2595, 15.0879
YIQ	88.1010, 118.5960, 86.4040

Conversions

Conversions Part 2

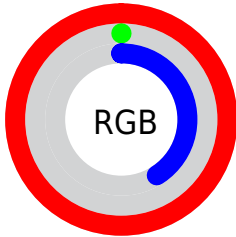
Format	Color
RYB	255, 0, 104
Decimal	16711784
CIELab	54.30, 83.00, 17.71
CIELCh	54, 84.869, 12.047
Yxy	22.2595, 0.5394, 0.2745
Android (android.graphics.Color)	4294901864 (0xFFFF0068)
YUV	88.1010, 7.8382, 146.3704
Hunter-Lab	47.1800, 82.9154, 14.0654

Details

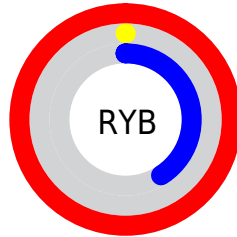
The XYZ color **43.7387, 22.2595, 15.0879** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **41.3521, 73.7567, 41.3642**, and the grayscale version is **9.2714, 9.7543, 10.6224**.

A 20% lighter version of the original color is **51.6182, 32.5502, 34.5726**, and **21.9989, 11.2526, 5.0155** is the 20% darker color. If you saturate the color by 10%, you get **43.7364, 22.2585, 15.0771**, and if you desaturate by 10%, it is **44.9357, 23.3141, 19.6173**.

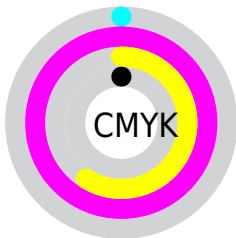
Distribution



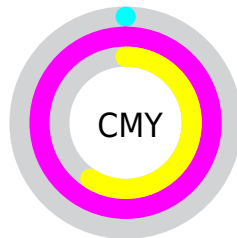
- Red (100%)
- Green (0%)
- Blue (41%)



- Red (100%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7387, 22.2595, 15.0879 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 43.7387, 22.2595, 15.0879 by changing the saturation by 10% instead.

 43.7387, 22.2595,
15.0879


 43.7387, 22.2595,
15.0879

352.5112,
263.8985, 235.5567


 30.6622, 14.0477,
8.7338


 80.0732, 47.1745,
35.7518


 20.4923, 8.1538,
4.4735


 104.0619, 64.6465,
50.8987


 12.8637, 4.1936,
1.8885


 132.4186, 85.9741,
69.8135

 7.4111, 1.7824,
0.4854

 165.5088,
111.5415, 92.9149

 3.7691, 0.4762,
0.0000

 203.6978,
141.7333, 120.6214

 1.5724, 0.0000,
0.0000

247.3510,

 0.3743, 0.0000,

176.9338, 153.3515

0.0000

296.8336,
217.5274, 191.5238

■ 0.0000, 0.0000,
0.0000

■ 43.7387, 22.2595,
15.0879

■ 43.7387, 22.2595,
15.0879

■ 43.7364, 22.2585,
15.0771

■ 44.9357, 23.3141,
19.6173

■ 46.7442, 25.3606,
25.0619

■ 49.3134, 28.6874,
31.5028

■ 52.7364, 33.4715,
39.0005

■ 57.0922, 39.8617,
47.6092

■ 62.4501, 47.9880,
57.3784

■ 68.8726, 57.9670,
68.3542

■ 76.4167, 69.9053,
80.5797

■ 85.1353, 83.9011,
94.0958

Harmonies

Analogous

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



42.9740, 22.2595, 43.5593



43.7387, 22.2595, 15.0879



37.2935, 22.2595, 3.6299

Triad

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



43.7387, 22.2595, 15.0879



11.3448, 22.2595, 2.6812



16.1371, 22.2595, 112.0922

Complementary

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



43.7387, 22.2595, 15.0879



41.3521, 73.7567, 41.3642

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.



10.5114, 22.2595, 76.8235



43.7387, 22.2595, 15.0879



8.3515, 22.2595, 11.6876

Square

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



43.7387, 22.2595, 15.0879



17.6593, 22.2595, 0.7427



8.0990, 22.2595, 36.4916



25.0885, 22.2595, 115.9026

Rectangle

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



43.7387, 22.2595, 15.0879



30.6314, 22.2595, 1.3457



8.0990, 22.2595, 36.4916



13.8704, 22.2595, 102.7575

Sweetspot

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



43.7392, 22.2609, 15.0882



68.8541, 57.9377, 68.3232



30.4047, 13.5902, 95.6279



14.1297, 11.4511, 13.6017



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.



43.7392, 22.2609, 15.0882



43.7366, 22.2587, 15.0771



41.5141, 21.8080, 2.0233



18.3163, 18.1098, 20.2829



22.9228, 11.6584, 8.2442



2.2845, 1.1562, 1.0794

Inverse Universe

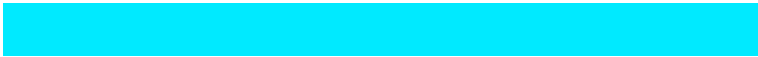
The Inverse Universe completely reimagines the original color for something new.



43.7392, 22.2609, 15.0882



43.7366, 22.2587, 15.0771



47.4040, 65.9268, 104.8340



18.3163, 18.1098, 20.2829



22.9228, 11.6584, 8.2442



2.2845, 1.1562, 1.0794

Previews

White Background



This preview shows how the XYZ color 43.7387, 22.2595, 15.0879 looks on a white background.

Color Contrast Check

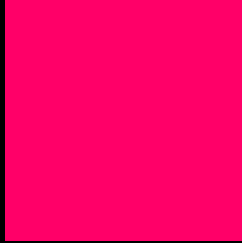
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7387, 22.2595, 15.0879 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 43.7387, 22.2595, 15.0879

Background



This preview shows how black text looks on a background with the XYZ color 43.7387, 22.2595, 15.0879.

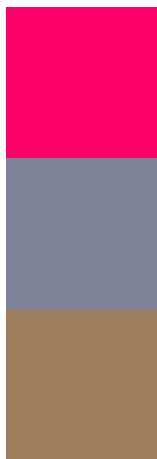


This preview shows how white text looks on a background with the XYZ color 43.7387, 22.2595,

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

43.7387, 22.2595, 15.0879

Protanopia

22.4025, 22.7443, 32.9151

Deuteranopia

23.1469, 22.7799, 13.5329



Tritanopia

41.7190, 22.6918, 4.1886

Trichromacy



Original Color

43.7387, 22.2595, 15.0879



Protanomaly

24.9220, 16.9345, 24.8768



Deuteranomaly

26.7646, 17.8069, 13.3357



Tritanomaly

42.1622, 22.2136, 6.7681

Monochromacy



Original Color

43.7387, 22.2595, 15.0879



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

15.8290, 10.0261, 11.6906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7387, 22.2595, 15.0879 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(255, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 104)  
}
```

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(255, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 104) }
```

Border

The CSS property to change the border of an element to XYZ 43.7387, 22.2595, 15.0879 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(255, 0, 104) }
```


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

```
.border{ border-color:rgb(255, 0, 104) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7387, 22.2595, 15.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 104) }
```

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

```
.background{ background-color: rgb(255, 0,  
104) }
```

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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