

Converting Colors

XYZ(48.4504, 20.6876, 15.6984)

Have a look what the booklet for
XYZ(48.4504, 20.6876, 15.6984)
contains.

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Color

**XYZ(43.9468, 22.3427,
16.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	FF006C
RGB	255, 0, 108
RGB Percent	100%, 0%, 42%
CMY	0.0000, 0.9997, 0.5765
CMYK	0.00, 1.00, 0.58, 0.00
HSL	335°, 100%, 50%
HSV	335°, 100%, 100%
XYZ	43.9468, 22.3427, 16.1837
YIQ	88.5570, 117.3120, 87.6480

Conversions

Conversions Part 2

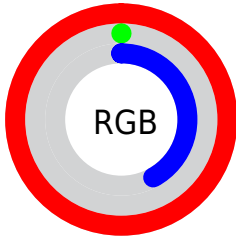
Format	Color
RYB	255, 0, 108
Decimal	16711788
CIELab	54.39, 83.23, 15.42
CIElCh	54, 84.650, 10.494
Yxy	22.3427, 0.5329, 0.2709
Android (android.graphics.Color)	4294901868 (0xFFFF006C)
YUV	88.5570, 9.5854, 145.9705
Hunter-Lab	47.2681, 83.2387, 12.7879

Details

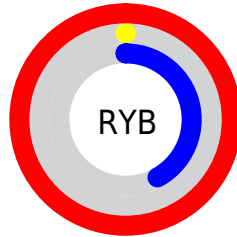
The XYZ color **43.9468, 22.3427, 16.1837** is a dark color, and the websafe version is hex **FF0066**, and the color name is **vivid raspberry**. The color can be described as dark saturated rose. A complement of this color would be **41.0323, 73.6288, 39.6798**, and the grayscale version is **9.3673, 9.8552, 10.7323**.

A 20% lighter version of the original color is **51.9598, 32.6869, 36.3715**, and **22.0775, 11.2841, 5.4293** is the 20% darker color. If you saturate the color by 10%, you get **43.9446, 22.3418, 16.1731**, and if you desaturate by 10%, it is **45.1563, 23.4023, 20.7790**.

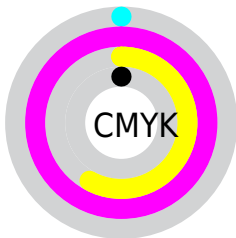
Distribution



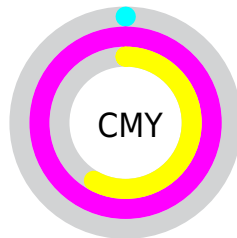
- Red (100%)
- Green (0%)
- Blue (42%)



- Red (100%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9468, 22.3427, 16.1837 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 43.9468, 22.3427, 16.1837 by changing the saturation by 10% instead.


 43.9468, 22.3427,
16.1837


 43.9468, 22.3427,
16.1837

353.3470,
264.3307, 242.3059


 30.8264, 14.1089,
9.4985


 80.3845, 47.3118,
37.6880


 20.6179, 8.1965,
4.9665


 104.4326, 64.8158,
53.3442


 12.9558, 4.2209,
2.1692


 132.8539, 86.1788,
72.8278

 7.4749, 1.7979,
0.6565

 166.0139,
111.7850, 96.5574

 3.8098, 0.4859,
0.0000

 204.2778,
142.0190, 124.9514

 1.5951, 0.0000,
0.0000

248.0111,

 0.3892, 0.0000,

177.2650, 158.4285

0.0000

297.5790,
217.9074, 197.4071

■ 0.0000, 0.0000,
0.0000

■ 43.9468, 22.3427,
16.1837

■ 43.9468, 22.3427,
16.1837

■ 43.9446, 22.3418,
16.1731

■ 45.1563, 23.4023,
20.7790

■ 46.9712, 25.4512,
26.2575

■ 49.5401, 28.7778,
32.6973

■ 52.9557, 33.5588,
40.1562

■ 57.2964, 39.9428,
48.6857

■ 62.6310, 48.0596,
58.3330

■ 69.0217, 58.0258,
69.1420

■ 76.5251, 69.9476,
81.1537

■ 85.1938, 83.9232,
94.4070

Harmonies

Analogous

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



42.7834, 22.3427, 45.5912



43.9468, 22.3427, 16.1837



37.8242, 22.3427, 3.9829

Triad

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



43.9468, 22.3427, 16.1837



11.6585, 22.3427, 2.5187



15.8367, 22.3427, 110.7743

Complementary

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



43.9468, 22.3427, 16.1837



41.0323, 73.6288, 39.6798

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.



10.3840, 22.3427, 74.6175



43.9468, 22.3427, 16.1837



8.5014, 22.3427, 10.9812

Square

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



43.9468, 22.3427, 16.1837



18.1604, 22.3427, 0.7369



8.1148, 22.3427, 34.8269



24.6408, 22.3427, 116.5594

Rectangle

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



43.9468, 22.3427, 16.1837



31.2485, 22.3427, 1.4761



8.1148, 22.3427, 34.8269



13.6296, 22.3427, 100.9674

Sweetspot

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



43.9474, 22.3441, 16.1840



69.0040, 57.9977, 69.1127



29.6448, 13.1984, 95.5925



14.1649, 11.4652, 13.7869



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.



43.9474, 22.3441, 16.1840



43.9448, 22.3419, 16.1732



41.4416, 21.6629, 1.9990



18.3285, 18.1147, 20.3469



23.0329, 11.7025, 8.8239



2.2959, 1.1607, 1.1394

Inverse Universe

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



43.9474, 22.3441, 16.1840



43.9448, 22.3419, 16.1732



48.6265, 68.3718, 105.2416



18.3285, 18.1147, 20.3469



23.0329, 11.7025, 8.8239



2.2959, 1.1607, 1.1394

Previews

White Background



This preview shows how the XYZ color 43.9468, 22.3427, 16.1837 looks on a white background.

Color Contrast Check

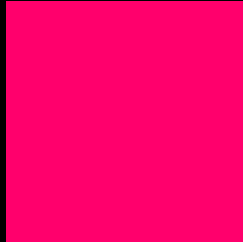
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9468, 22.3427, 16.1837 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 43.9468, 22.3427, 16.1837

Background



This preview shows how black text looks on a background with the XYZ color 43.9468, 22.3427, 16.1837.



This preview shows how white text looks on a background with the XYZ color 43.9468, 22.3427,

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

43.9468, 22.3427, 16.1837

Protanopia

22.6726, 22.8352, 35.1109

Deuteranopia

23.1361, 22.7533, 14.4817



Tritanopia

41.7721, 22.7705, 4.2913

Trichromacy



Original Color

43.9468, 22.3427, 16.1837



Protanomaly

24.9870, 16.9348, 26.3779



Deuteranomaly

26.7035, 17.7533, 14.3312



Tritanomaly

42.2191, 22.2364, 7.0679

Monochromacy



Original Color

43.9468, 22.3427, 16.1837



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

15.9689, 10.1603, 12.1858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9468, 22.3427, 16.1837 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 108) }
```

Border

The CSS property to change the border of an element to XYZ 43.9468, 22.3427, 16.1837 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, 108) }
```


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

```
.border{ border-color:rgb(255, 0, 108) }
```

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, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9468, 22.3427, 16.1837 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, 108) }
```

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

```
.background{ background-color: rgb(255, 0,  
108) }
```

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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