

Converting Colors

XYZ(43.1506, 21.8103, 21.6540)

Have a look what the booklet for
XYZ(43.1506, 21.8103, 21.6540)
contains.

XYZ(43.1902, 21.8304, 21.6760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1902, 21.8304,
21.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	FA007E
RGB	250, 0, 126
RGB Percent	98%, 0%, 49%
CMY	0.0196, 0.9997, 0.5059
CMYK	0.00, 1.00, 0.50, 0.02
HSL	330°, 100%, 49%
HSV	330°, 100%, 98%
XYZ	43.1902, 21.8304, 21.6760
YIQ	89.1140, 108.5540, 92.1860

Conversions

Conversions Part 2

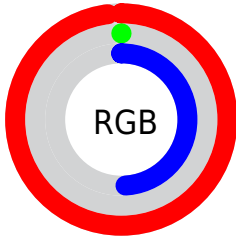
Format	Color
R_{YB}	250, 0, 126
Decimal	16384126
CIE _{Lab}	53.85, 83.34, 3.64
CIE _{LCh}	54, 83.419, 2.504
Yxy	21.8304, 0.4982, 0.2518
Android (android.graphics.Color)	4294574206 (0xFFFA007E)
YUV	89.1140, 18.1848, 141.0970
Hunter-Lab	46.7230, 83.2380, 5.2000

Details

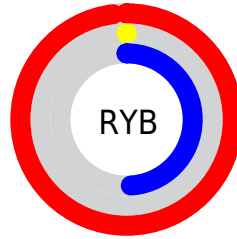
The XYZ color **43.1902, 21.8304, 21.6760** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **37.8285, 69.8282, 30.5751**, and the grayscale version is **9.4731, 9.9665, 10.8535**.

A 20% lighter version of the original color is **53.6436, 33.2097, 45.7023**, and **21.6248, 10.9892, 8.1891** is the 20% darker color. If you saturate the color by 10%, you get **43.1879, 21.8294, 21.6648**, and if you desaturate by 10%, it is **44.3899, 22.8687, 26.2727**.

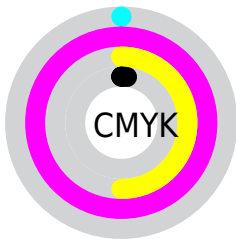
Distribution



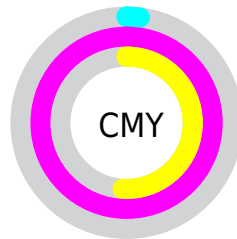
- Red (98%)
- Green (0%)
- Blue (49%)



- Red (98%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1902, 21.8304, 21.6760 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 43.1902, 21.8304, 21.6760 by changing the saturation by 10% instead.


 43.1902, 21.8304,
21.6760


 43.1902, 21.8304,
21.6760


350.3017,
261.6593, 273.7477


 30.2295, 13.7323,
13.4230


 79.2517, 46.4655,
47.1052


 20.1618, 7.9347,
7.5863

 103.0833, 63.7714,
65.1185


 12.6217, 4.0532,
3.7475


 131.2692, 84.9153,
87.2223

 7.2437, 1.7034,
1.4878

 164.1749,
110.2816, 113.8351

 3.6627, 0.4258,
0.2088

 202.1656,
140.2548, 145.3755

 1.5131, 0.0000,
0.0000

245.6067,

 0.3347, 0.0000,

175.2192, 182.2620

0.0000

294.8636,
215.5592, 224.9132

■ 0.0000, 0.0000,
0.0000

■ 43.1902, 21.8304,
21.6760

■ 43.1902, 21.8304,
21.6760

■ 43.1879, 21.8294,
21.6648

■ 44.3899, 22.8687,
26.2727

■ 46.1378, 24.8389,
31.5586

■ 48.5744, 28.0170,
37.5968

■ 51.7860, 32.5703,
44.4313

■ 55.8451, 38.6396,
52.1011

■ 60.8156, 46.3476,
60.6418

■ 66.7548, 55.8049,
70.0861

■ 73.7153, 67.1119,
80.4647

■ 81.7455, 80.3615,
91.8066

Harmonies

Analogous

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



40.1169, 21.8304, 54.6455



43.1902, 21.8304, 21.6760



38.9587, 21.8304, 5.8806

Triad

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



43.1902, 21.8304, 21.6760



12.7924, 21.8304, 1.7088



13.7614, 21.8304, 100.0234

Complementary

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



43.1902, 21.8304, 21.6760



37.8285, 69.8282, 30.5751

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.



9.3376, 21.8304, 61.4192



43.1902, 21.8304, 21.6760



8.9020, 21.8304, 7.4802

Square

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



43.1902, 21.8304, 21.6760



20.0046, 21.8304, 0.6642



7.8478, 21.8304, 25.9938



21.5119, 21.8304, 115.1474

Rectangle

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



43.1902, 21.8304, 21.6760



33.1180, 21.8304, 2.1720



7.8478, 21.8304, 25.9938



11.9217, 21.8304, 88.4445

Sweetspot

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



43.1908, 21.8317, 21.6763



69.7904, 58.3123, 73.2541



25.1226, 10.9589, 91.2332



14.3501, 11.5393, 14.7623



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.



43.1908, 21.8317, 21.6763



45.1684, 22.8314, 22.6167



39.4480, 20.3346, 1.9674



17.6095, 17.3711, 19.7993



22.9811, 11.6082, 11.8750



2.1820, 1.0965, 1.3817

Inverse Universe

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



43.1908, 21.8317, 21.6763



45.1684, 22.8314, 22.6167



50.7953, 75.0149, 98.8573



17.6095, 17.3711, 19.7993



22.9811, 11.6082, 11.8750



2.1820, 1.0965, 1.3817

Previews

White Background



This preview shows how the XYZ color 43.1902, 21.8304, 21.6760 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 43.1902, 21.8304, 21.6760 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 43.1902, 21.8304, 21.6760

Background



This preview shows how black text looks on a background with the XYZ color 43.1902, 21.8304, 21.6760.



This preview shows how white text looks on a background with the XYZ color 43.1902, 21.8304,

21.6760.

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

43.1902, 21.8304, 21.6760

Protanopia

23.1021, 22.3931, 47.3607

Deuteranopia

22.6987, 22.2241, 19.6163



Tritanopia

39.7224, 22.1043, 5.1906

Trichromacy



Original Color

43.1902, 21.8304, 21.6760



Protanomaly

24.5683, 16.2800, 36.0299



Deuteranomaly

26.2664, 17.4077, 19.7449



Tritanomaly

40.2494, 21.3572, 9.2087

Monochromacy



Original Color

43.1902, 21.8304, 21.6760



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

16.0741, 10.1815, 13.6884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1902, 21.8304, 21.6760 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(250, 0, 126)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 126)  
}
```

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(250, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 126) }
```

Border

The CSS property to change the border of an element to XYZ 43.1902, 21.8304, 21.6760 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(250, 0, 126) }
```


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

```
.border{ border-color:rgb(250, 0, 126) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1902, 21.8304, 21.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 126) }
```

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

```
.background{ background-color: rgb(250, 0,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor