

Converting Colors

XYZ(43.2626, 21.8551, 22.2438)

Have a look what the booklet for
XYZ(43.2626, 21.8551, 22.2438)
contains.

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Color

**XYZ(43.3206, 21.8825,
22.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0080
RGB	250, 0, 128
RGB Percent	98%, 0%, 50%
CMY	0.0196, 0.9998, 0.4980
CMYK	0.00, 1.00, 0.49, 0.02
HSL	329°, 100%, 49%
HSV	329°, 100%, 98%
XYZ	43.3206, 21.8825, 22.3626
YIQ	89.3420, 107.9120, 92.8080

Conversions

Conversions Part 2

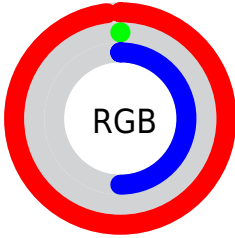
Format	Color
R_{YB}	250, 0, 128
Decimal	16384128
CIE _{Lab}	53.90, 83.49, 2.52
CIE _{LCh}	54, 83.524, 1.729
Yxy	21.8825, 0.4947, 0.2499
Android (android.graphics.Color)	4294574208 (0xFFFA0080)
YUV	89.3420, 19.0584, 140.8971
Hunter-Lab	46.7787, 83.4415, 4.4015

Details

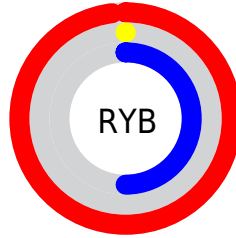
The XYZ color **43.3206, 21.8825, 22.3626** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **37.7030, 69.7780, 29.9139**, and the grayscale version is **9.5213, 10.0171, 10.9087**.

A 20% lighter version of the original color is **54.0423, 33.5199, 47.3377**, and **21.9048, 11.1293, 8.3908** is the 20% darker color. If you saturate the color by 10%, you get **43.3185, 21.8816, 22.3520**, and if you desaturate by 10%, it is **44.5218, 22.9213, 26.9673**.

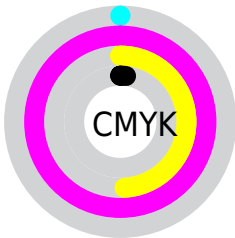
Distribution



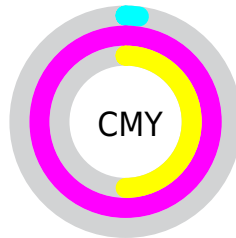
- Red (98%)
- Green (0%)
- Blue (50%)



- Red (98%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3206, 21.8825, 22.3626 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 43.3206, 21.8825, 22.3626 by changing the saturation by 10% instead.


 43.3206, 21.8825,
22.3626


 43.3206, 21.8825,
22.3626


350.8278,
261.9320, 277.4491


 30.3324, 13.7706,
13.9227


 79.4471, 46.5517,
48.2544


 20.2403, 7.9613,
7.9288


 103.3161, 63.8778,
66.5434


 12.6791, 4.0702,
3.9623


 131.5428, 85.0441,
88.9526

 7.2834, 1.7129,
1.6047

 164.4924,
110.4349, 115.9004

 3.6879, 0.4320,
0.2942

 202.5303,
140.4348, 147.8054

 1.5271, 0.0000,
0.0000

246.0220,

 0.3442, 0.0000,

175.4280, 185.0862

0.0000

295.3327,
215.7989, 228.1612

■ 0.0000, 0.0000,
0.0000

■ 43.3206, 21.8825,
22.3626

■ 43.3206, 21.8825,
22.3626

■ 43.3185, 21.8816,
22.3520

■ 44.5218, 22.9213,
26.9673

■ 46.2683, 24.8908,
32.2464

■ 48.7006, 28.0670,
38.2619

■ 51.9045, 32.6172,
45.0571

■ 55.9527, 38.6818,
52.6702

■ 60.9089, 46.3840,
61.1359

■ 66.8302, 55.8338,
70.4862

■ 73.7689, 67.1319,
80.7512

■ 81.7736, 80.3711,
91.9592

Harmonies

Analogous

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



40.0542, 21.8825, 55.8332



43.3206, 21.8825, 22.3626



39.2517, 21.8825, 6.1161

Triad

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



43.3206, 21.8825, 22.3626



12.9639, 21.8825, 1.6488



13.6348, 21.8825, 99.5010

Complementary

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



43.3206, 21.8825, 22.3626



37.7030, 69.7780, 29.9139

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.



9.2830, 21.8825, 60.5265



43.3206, 21.8825, 22.3626



8.9815, 21.8825, 7.2225

Square

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



43.3206, 21.8825, 22.3626



20.2811, 21.8825, 0.6606



7.8577, 21.8825, 25.3526



21.3250, 21.8825, 115.5596

Rectangle

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



43.3206, 21.8825, 22.3626



33.4567, 21.8825, 2.2578



7.8577, 21.8825, 25.3526



11.8195, 21.8825, 87.7152

Sweetspot

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



43.3212, 21.8838, 22.3629



69.8703, 58.3442, 73.6748



25.1223, 10.9587, 91.2333



14.3690, 11.5468, 14.8617



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.



43.3212, 21.8838, 22.3629



45.3049, 22.8860, 23.3354



39.4480, 20.3345, 1.9672



17.6155, 17.3735, 19.8309



23.0506, 11.6360, 12.2408



2.1885, 1.0991, 1.4158

Inverse Universe

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



43.3212, 21.8838, 22.3629



45.3049, 22.8860, 23.3354



50.7953, 75.0150, 98.8574



17.6155, 17.3735, 19.8309



23.0506, 11.6360, 12.2408



2.1885, 1.0991, 1.4158

Previews

White Background



This preview shows how the XYZ color 43.3206, 21.8825, 22.3626 looks on a white background.

Color Contrast Check

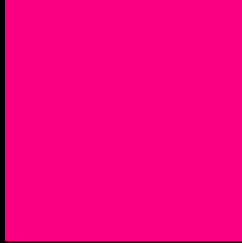
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3206, 21.8825, 22.3626 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 43.3206, 21.8825, 22.3626

Background



This preview shows how black text looks on a background with the XYZ color 43.3206, 21.8825, 22.3626.



This preview shows how white text looks on a background with the XYZ color 43.3206, 21.8825,

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

43.3206, 21.8825, 22.3626

Protanopia

23.2862, 22.4518, 49.0053

Deuteranopia

22.7635, 22.4328, 20.2697



Tritanopia

39.7874, 22.1995, 5.3199

Trichromacy



Original Color

43.3206, 21.8825, 22.3626



Protanomaly

24.7475, 16.3517, 36.9738



Deuteranomaly

26.1487, 17.3328, 20.3797



Tritanomaly

40.2856, 21.3717, 9.3990

Monochromacy



Original Color

43.3206, 21.8825, 22.3626



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

16.1241, 10.2014, 13.9512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3206, 21.8825, 22.3626 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 128) }
```

Border

The CSS property to change the border of an element to XYZ 43.3206, 21.8825, 22.3626 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, 128) }
```


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

```
.border{ border-color:rgb(250, 0, 128) }
```

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, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3206, 21.8825, 22.3626 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, 128) }
```

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

```
.background{ background-color: rgb(250, 0,  
128) }
```

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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