

Converting Colors

XYZ(44.2489, 21.9396, 41.4497)

Have a look what the booklet for
XYZ(44.2489, 21.9396, 41.4497)
contains.

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Color

**XYZ(44.1608, 21.8944,
41.4337)**

Conversions

Conversions Part 1

Format	Color
Hex	F200AD
RGB	242, 0, 173
RGB Percent	95%, 0%, 68%
CMY	0.0510, 0.9998, 0.3216
CMYK	0.00, 1.00, 0.29, 0.05
HSL	317°, 100%, 47%
HSV	317°, 100%, 95%
XYZ	44.1608, 21.8944, 41.4337
YIQ	92.0800, 88.6990, 105.1070

Conversions

Conversions Part 2

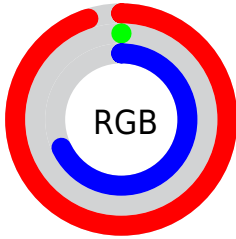
Format	Color
R_{YB}	242, 0, 173
Decimal	15859885
CIE _{Lab}	53.91, 85.90, -24.39
CIE _{LCh}	54, 89.298, 344.151
Yxy	21.8944, 0.4108, 0.2037
Android (android.graphics.Color)	4294049965 (0xFFFF200AD)
YUV	92.0800, 39.8936, 131.4798
Hunter-Lab	46.7915, 86.5795, -19.7471

Details

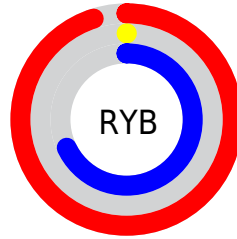
The XYZ color **44.1608, 21.8944, 41.4337** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **32.8287, 63.9351, 16.2493**, and the grayscale version is **10.0948, 10.6205, 11.5657**.

A 20% lighter version of the original color is **59.8447, 35.8408, 77.8925**, and **22.2126, 11.0594, 18.7332** is the 20% darker color. If you saturate the color by 10%, you get **44.1595, 21.8939, 41.4261**, and if you desaturate by 10%, it is **45.1782, 22.8323, 45.1536**.

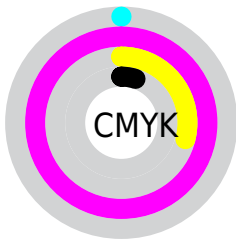
Distribution



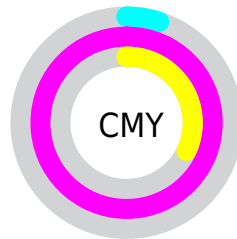
- Red (95%)
- Green (0%)
- Blue (68%)



- Red (95%)
- Yellow (0%)
- Blue (68%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1608, 21.8944, 41.4337 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 44.1608, 21.8944, 41.4337 by changing the saturation by 10% instead.

 44.1608, 21.8944,
41.4337


 44.1608, 21.8944,
41.4337

354.2052,
261.9943, 367.8602


 30.9954, 13.7793,
28.3359


 80.7045, 46.5714,
78.6026


 20.7472, 7.9673,
18.3378


 104.8135, 63.9021,
103.5108

 13.0507, 4.0741,
11.0208


 133.3011, 85.0735,
133.1929

 7.5407, 1.7151,
5.9665

 166.5326,
110.4700, 168.0674

 3.8518, 0.4334,
2.7563

 204.8734,
140.4759, 208.5528

 1.6186, 0.0000,
0.9716

248.6889,

 0.4045, 0.0000,

175.4756, 255.0677

0.0000

298.3444,
215.8537, 308.0307

■ 0.0000, 0.0000,
0.0000

■ 44.1608, 21.8944,
41.4337

■ 44.1608, 21.8944,
41.4337

■ 44.1595, 21.8939,
41.4261

■ 45.1782, 22.8323,
45.1536

■ 46.6422, 24.6079,
49.1949

■ 48.6824, 27.4787,
53.6034

■ 51.3756, 31.5982,
58.4072

■ 54.7866, 37.0949,
63.6301

■ 58.9722, 44.0816,
69.2933

■ 63.9832, 52.6593,
75.4160

■ 69.8659, 62.9200,
82.0160

■ 76.6634, 74.9489,
89.1096

Harmonies

Analogous

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



36.5382, 21.8944, 85.6392



44.1608, 21.8944, 41.4337



44.3956, 21.8944, 13.0912

Triad

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



44.1608, 21.8944, 41.4337



16.6071, 21.8944, 0.4452



10.1586, 21.8944, 83.0602

Complementary

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



44.1608, 21.8944, 41.4337



32.8287, 63.9351, 16.2493

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.



7.5325, 21.8944, 39.2788



44.1608, 21.8944, 41.4337



10.4010, 21.8944, 2.4509

Square

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



44.1608, 21.8944, 41.4337



26.2822, 21.8944, 0.4931



7.6048, 21.8944, 12.0998



16.1555, 21.8944, 119.7540

Rectangle

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



44.1608, 21.8944, 41.4337



40.1804, 21.8944, 4.7516



7.6048, 21.8944, 12.0998



8.9480, 21.8944, 67.6640

Sweetspot

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



44.1615, 21.8956, 41.4341



71.9942, 59.1938, 84.8592



18.4539, 7.6628, 84.5111



14.8749, 11.7492, 17.5260



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.



44.1615, 21.8956, 41.4341



49.7122, 24.6489, 46.5441



37.2492, 19.1307, 5.0345



16.2509, 15.9501, 18.8772



23.7845, 11.7862, 22.5794



2.0212, 0.9975, 2.1025

Inverse Universe

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



44.1615, 21.8956, 41.4341



49.7122, 24.6489, 46.5441



41.0011, 67.2041, 59.2847



16.2509, 15.9501, 18.8772



23.7845, 11.7862, 22.5794



2.0212, 0.9975, 2.1025

Previews

White Background



This preview shows how the XYZ color 44.1608, 21.8944, 41.4337 looks on a white background.

Color Contrast Check

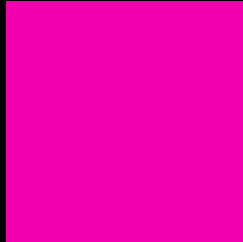
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.1608, 21.8944, 41.4337 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 44.1608, 21.8944, 41.4337

Background



This preview shows how black text looks on a background with the XYZ color 44.1608, 21.8944, 41.4337.



This preview shows how white text looks on a background with the XYZ color 44.1608, 21.8944,

41.4337.

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

44.1608, 21.8944, 41.4337

Protanopia

26.2754, 22.6993, 90.1853

Deuteranopia

22.9932, 22.5590, 37.3249



Tritanopia

37.4654, 22.2513, 8.2815

Trichromacy



Original Color

44.1608, 21.8944, 41.4337



Protanomaly

24.7081, 15.5189, 68.7110



Deuteranomaly

26.1875, 17.0730, 37.9916



Tritanomaly

38.8305, 20.9876, 16.1918

Monochromacy



Original Color

44.1608, 21.8944, 41.4337



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

17.0478, 10.7114, 19.2582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1608, 21.8944, 41.4337 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(242, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 173)  
}
```

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(242, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 173) }
```

Border

The CSS property to change the border of an element to XYZ 44.1608, 21.8944, 41.4337 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(242, 0, 173) }
```


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

```
.border{ border-color:rgb(242, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1608, 21.8944, 41.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 173) }
```

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

```
.background{ background-color: rgb(242, 0,  
173) }
```

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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