

Converting Colors

XYZ(43.8933, 21.6968, 44.1198)

Have a look what the booklet for
XYZ(43.8933, 21.6968, 44.1198)
contains.

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Color

**XYZ(43.9711, 21.7396,
43.9981)**

Conversions

Conversions Part 1

Format	Color
Hex	F00B2
RGB	240, 0, 178
RGB Percent	94%, 0%, 70%
CMY	0.0588, 0.9998, 0.3020
CMYK	0.00, 1.00, 0.26, 0.06
HSL	316°, 100%, 47%
HSV	316°, 100%, 94%
XYZ	43.9711, 21.7396, 43.9981
YIQ	92.0520, 85.9020, 106.2380

Conversions

Conversions Part 2

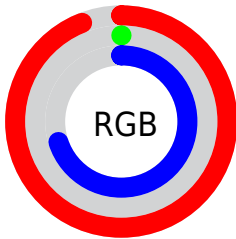
Format	Color
R_{YB}	240, 0, 178
Decimal	15728818
CIE Lab	53.75, 86.06, -27.60
CIE LCh	54, 90.378, 342.217
Yxy	21.7396, 0.4008, 0.1982
Android (android.graphics.Color)	4293918898 (0xFFFF00B2)
YUV	92.0520, 42.3724, 129.7504
Hunter-Lab	46.6257, 86.7420, -23.3106

Details

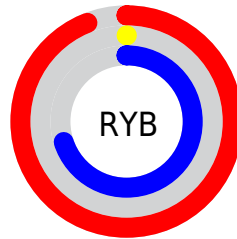
The XYZ color **43.9711, 21.7396, 43.9981** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **32.0317, 62.6692, 14.9725**, and the grayscale version is **10.0827, 10.6078, 11.5518**.

A 20% lighter version of the original color is **60.5531, 36.1242, 81.6231**, and **22.2921, 11.0644, 20.3628** is the 20% darker color. If you saturate the color by 10%, you get **43.9700, 21.7392, 43.9917**, and if you desaturate by 10%, it is **44.9359, 22.6498, 47.4617**.

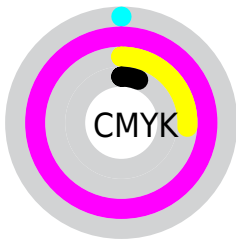
Distribution



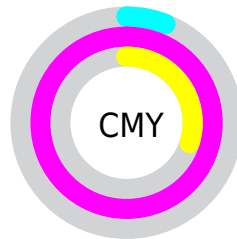
- Red (94%)
- Green (0%)
- Blue (70%)



- Red (94%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9711, 21.7396, 43.9981 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 43.9711, 21.7396, 43.9981 by changing the saturation by 10% instead.

 43.9711, 21.7396,
43.9981


 43.9711, 21.7396,
43.9981

353.4445,
261.1834, 378.7417

 30.8456, 13.6657,
30.3318


 80.4209, 46.3152,
82.5173

 20.6326, 7.8885,
19.8364


 104.4759, 63.5857,
108.2074


 12.9666, 4.0237,
12.0933


 132.9047, 84.6906,
138.7424

 7.4824, 1.6868,
6.6839

 166.0728,
110.0141, 174.5410

 3.8146, 0.4151,
3.1898

 204.3455,
139.9408, 216.0217

 1.5978, 0.0000,
1.1923

248.0881,

 0.3910, 0.0000,

174.8549, 263.6030

0.0000

297.6660,
215.1410, 317.7035

■ 0.0000, 0.0000,
0.0000

■ 43.9711, 21.7396,
43.9981

■ 43.9711, 21.7396,
43.9981

■ 43.9700, 21.7392,
43.9917

■ 44.9359, 22.6498,
47.4617

■ 46.3327, 24.3786,
51.2099

■ 48.2886, 27.1794,
55.2869

■ 50.8790, 31.2025,
59.7195

■ 54.1671, 36.5738,
64.5305

■ 58.2085, 43.4036,
69.7400

■ 63.0527, 51.7909,
75.3662

■ 68.7453, 61.8259,
81.4259

■ 75.3280, 73.5918,
87.9346

Harmonies

Analogous

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



35.8837, 21.7396, 89.2771



43.9711, 21.7396, 43.9981



44.7506, 21.7396, 14.0783

Triad

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



43.9711, 21.7396, 43.9981



16.9651, 21.7396, 0.3034



9.7064, 21.7396, 80.6878

Complementary

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



43.9711, 21.7396, 43.9981



32.0317, 62.6692, 14.9725

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.



7.2771, 21.7396, 36.8550



43.9711, 21.7396, 43.9981



10.5005, 21.7396, 2.0635

Square

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



43.9711, 21.7396, 43.9981



26.8928, 21.7396, 0.4623



7.5132, 21.7396, 10.8261



15.4780, 21.7396, 119.5311

Rectangle

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



43.9711, 21.7396, 43.9981



40.7782, 21.7396, 5.0960



7.5132, 21.7396, 10.8261



8.5669, 21.7396, 65.0445

Sweetspot

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



43.9718, 21.7408, 43.9985



72.2892, 59.3118, 86.4125



17.5945, 7.2541, 82.9114



14.9458, 11.7775, 17.8990



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.



43.9718, 21.7408, 43.9985



50.4374, 24.9390, 50.3630



36.7525, 18.8530, 5.9819



16.2697, 15.9576, 18.9763



24.1268, 11.9232, 24.3821



2.0474, 1.0080, 2.2402

Inverse Universe

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



43.9718, 21.7408, 43.9985



50.4374, 24.9390, 50.3630



39.4004, 65.6166, 53.7753



16.2697, 15.9576, 18.9763



24.1268, 11.9232, 24.3821



2.0474, 1.0080, 2.2402

Previews

White Background



This preview shows how the XYZ color 43.9711, 21.7396, 43.9981 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 43.9711, 21.7396, 43.9981 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 43.9711, 21.7396, 43.9981

Background



This preview shows how black text looks on a background with the XYZ color 43.9711, 21.7396, 43.9981.



This preview shows how white text looks on a background with the XYZ color 43.9711, 21.7396,

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

43.9711, 21.7396, 43.9981

Protanopia

26.7118, 22.7978, 95.9211

Deuteranopia

22.7705, 22.4025, 39.2004



Tritanopia

36.7049, 22.0305, 8.7963

Trichromacy



Original Color

43.9711, 21.7396, 43.9981



Protanomaly

24.6222, 15.3659, 73.6197



Deuteranomaly

25.9240, 16.8941, 39.9248



Tritanomaly

38.1240, 20.7088, 17.3171

Monochromacy



Original Color

43.9711, 21.7396, 43.9981



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

16.9932, 10.6690, 19.9026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9711, 21.7396, 43.9981 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(240, 0, 178)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 178)  
}
```

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(240, 0, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.9711, 21.7396, 43.9981 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(240, 0, 178) }
```


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

```
.border{ border-color:rgb(240, 0, 178) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 178);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9711, 21.7396, 43.9981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 178) }
```

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

```
.background{ background-color: rgb(240, 0,  
178) }
```

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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