

Converting Colors

XYZ(43.5142, 21.9558, 23.5691)

Have a look what the booklet for
XYZ(43.5142, 21.9558, 23.5691)
contains.

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Color

**XYZ(43.5211, 21.9627,
23.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0083
RGB	250, 0, 131
RGB Percent	98%, 0%, 51%
CMY	0.0196, 0.9998, 0.4863
CMYK	0.00, 1.00, 0.48, 0.02
HSL	329°, 100%, 49%
HSV	329°, 100%, 98%
XYZ	43.5211, 21.9627, 23.4181
YIQ	89.6840, 106.9490, 93.7410

Conversions

Conversions Part 2

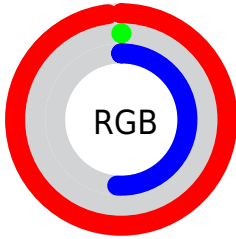
Format	Color
R_{YB}	250, 0, 131
Decimal	16384131
CIE _{Lab}	53.99, 83.71, 0.84
CIE _{LCh}	54, 83.716, 0.574
Yxy	21.9627, 0.4895, 0.2470
Android (android.graphics.Color)	4294574211 (0xFFFA0083)
YUV	89.6840, 20.3688, 140.5971
Hunter-Lab	46.8644, 83.7532, 3.1779

Details

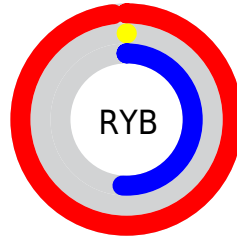
The XYZ color **43.5211, 21.9627, 23.4181** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **37.5198, 69.7049, 28.9491**, and the grayscale version is **9.5945, 10.0941, 10.9925**.

A 20% lighter version of the original color is **54.3536, 33.6444, 48.9767**, and **22.0165, 11.1740, 8.9790** is the 20% darker color. If you saturate the color by 10%, you get **43.5190, 21.9618, 23.4076**, and if you desaturate by 10%, it is **44.7238, 23.0021, 28.0308**.

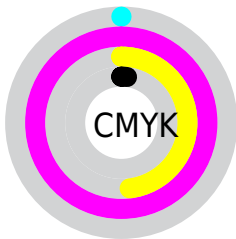
Distribution



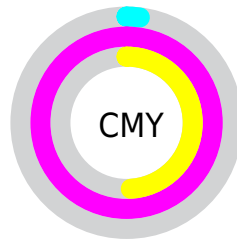
- Red (98%)
- Green (0%)
- Blue (51%)



- Red (98%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5211, 21.9627, 23.4181 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 43.5211, 21.9627, 23.4181 by changing the saturation by 10% instead.


 43.5211, 21.9627,
23.4181


 43.5211, 21.9627,
23.4181


351.6357,
262.3514, 283.0564


 30.4905, 13.8295,
14.6943


 79.7475, 46.6843,
50.0108


 20.3611, 8.0022,
8.4609


 103.6739, 64.0416,
68.7168


 12.7676, 4.0963,
4.2993


 131.9630, 85.2423,
91.5874

 7.3446, 1.7276,
1.7909

 164.9801,
110.6708, 119.0409

 3.7268, 0.4414,
0.4220

 203.0906,
140.7116, 151.4961

 1.5487, 0.0000,
0.0000

246.6598,

 0.3586, 0.0000,

175.7490, 189.3714

0.0000

296.0530,
216.1675, 233.0853

■ 0.0000, 0.0000,
0.0000

■ 43.5211, 21.9627,
23.4181

■ 43.5211, 21.9627,
23.4181

■ 43.5190, 21.9618,
23.4076

■ 44.7238, 23.0021,
28.0308

■ 46.4676, 24.9705,
33.2957

■ 48.8927, 28.1438,
39.2737

■ 52.0849, 32.6892,
46.0068

■ 56.1164, 38.7472,
53.5320

■ 61.0507, 46.4406,
61.8830

■ 66.9449, 55.8795,
71.0907

■ 73.8511, 67.1645,
81.1841

■ 81.8175, 80.3884,
92.1907

Harmonies

Analogous

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



39.9652, 21.9627, 57.6473



43.5211, 21.9627, 23.4181



39.6971, 21.9627, 6.4801

Triad

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



43.5211, 21.9627, 23.4181



13.2241, 21.9627, 1.5615



13.4480, 21.9627, 98.7363

Complementary

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



43.5211, 21.9627, 23.4181



37.5198, 69.7049, 28.9491

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.



9.2025, 21.9627, 59.2152



43.5211, 21.9627, 23.4181



9.1020, 21.9627, 6.8488

Square

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



43.5211, 21.9627, 23.4181



20.7011, 21.9627, 0.6551



7.8732, 21.9627, 24.4161



21.0496, 21.9627, 116.1931

Rectangle

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



43.5211, 21.9627, 23.4181



33.9711, 21.9627, 2.3904



7.8732, 21.9627, 24.4161



11.6689, 21.9627, 86.6434

Sweetspot

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



43.5217, 21.9640, 23.4184



69.9906, 58.3924, 74.3082



24.5518, 10.6646, 91.2068



14.3974, 11.5582, 15.0115



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.



43.5217, 21.9640, 23.4184



45.5145, 22.9698, 24.4394



39.4709, 20.3437, 2.0874



17.6245, 17.3772, 19.8783



23.1572, 11.6786, 12.8022



2.1984, 1.1031, 1.4679

Inverse Universe

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



43.5217, 21.9640, 23.4184



45.5145, 22.9698, 24.4394



50.1636, 74.7624, 95.5303



17.6245, 17.3772, 19.8783



23.1572, 11.6786, 12.8022



2.1984, 1.1031, 1.4679

Previews

White Background



This preview shows how the XYZ color 43.5211, 21.9627, 23.4181 looks on a white background.

Color Contrast Check

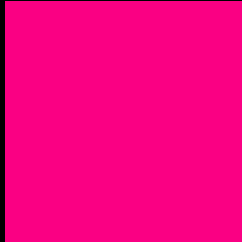
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5211, 21.9627, 23.4181 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 43.5211, 21.9627, 23.4181

Background



This preview shows how black text looks on a background with the XYZ color 43.5211, 21.9627, 23.4181.



This preview shows how white text looks on a background with the XYZ color 43.5211, 21.9627,

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

43.5211, 21.9627, 23.4181

Protanopia

23.5911, 22.7541, 51.2927

Deuteranopia

22.9447, 22.5052, 21.2238



Tritanopia

39.8539, 22.2967, 5.4520

Trichromacy



Original Color

43.5211, 21.9627, 23.4181



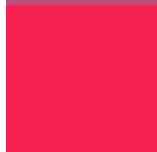
Protanomaly

24.9855, 16.5431, 38.9221



Deuteranomaly

26.3375, 17.4083, 21.3740



Tritanomaly

40.3868, 21.4560, 9.7974

Monochromacy



Original Color

43.5211, 21.9627, 23.4181



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

16.2257, 10.2421, 14.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5211, 21.9627, 23.4181 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 131) }
```

Border

The CSS property to change the border of an element to XYZ 43.5211, 21.9627, 23.4181 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, 131) }
```


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

```
.border{ border-color:rgb(250, 0, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 131);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5211, 21.9627, 23.4181 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, 131) }
```

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

```
.background{ background-color: rgb(250, 0,  
131) }
```

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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