

Converting Colors

XYZ(42.9398, 21.5179, 29.9494)

Have a look what the booklet for
XYZ(42.9398, 21.5179, 29.9494)
contains.

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Color

**XYZ(43.0015, 21.5506,
29.9102)**

Conversions

Conversions Part 1

Format	Color
Hex	F50094
RGB	245, 0, 148
RGB Percent	96%, 0%, 58%
CMY	0.0392, 0.9998, 0.4196
CMYK	0.00, 1.00, 0.40, 0.04
HSL	324°, 100%, 48%
HSV	324°, 100%, 96%
XYZ	43.0015, 21.5506, 29.9102
YIQ	90.1270, 98.5120, 97.9680

Conversions

Conversions Part 2

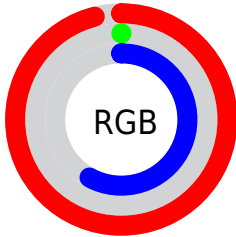
Format	Color
R_{YB}	245, 0, 148
Decimal	16056468
CIE _{Lab}	53.55, 84.07, -10.10
CIE _{LCh}	54, 84.675, 353.147
Yxy	21.5506, 0.4552, 0.2281
Android (android.graphics.Color)	4294246548 (0xFFFF50094)
YUV	90.1270, 28.5314, 135.8236
Hunter-Lab	46.4226, 84.1058, -5.7048

Details

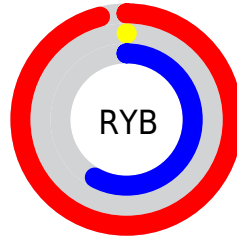
The XYZ color **43.0015, 21.5506, 29.9102** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **34.8134, 66.1693, 22.2603**, and the grayscale version is **9.6764, 10.1803, 11.0863**.

A 20% lighter version of the original color is **56.2684, 34.2596, 59.5242**, and **21.6861, 10.9303, 12.2760** is the 20% darker color. If you saturate the color by 10%, you get **42.9997, 21.5499, 29.9009**, and if you desaturate by 10%, it is **44.1404, 22.5473, 34.2393**.

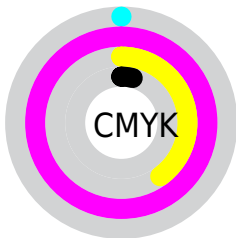
Distribution



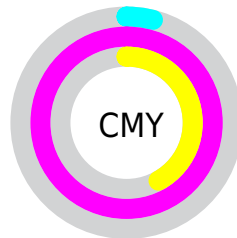
- Red (96%)
- Green (0%)
- Blue (58%)



- Red (96%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0015, 21.5506, 29.9102 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 43.0015, 21.5506, 29.9102 by changing the saturation by 10% instead.

 43.0015, 21.5506,
29.9102

 43.0015, 21.5506,
29.9102


349.5393,
260.1903, 315.6799

 30.0808, 13.5271,
19.5190


 78.9688, 46.0021,
60.5795


 20.0483, 7.7925,
11.8653


 102.7462, 63.1989,
81.6946


 12.5386, 3.9624,
6.5306


 130.8731, 84.2221,
107.2214

 7.1864, 1.6526,
3.0963

 163.7150,
109.4564, 137.5784

 3.6263, 0.3927,
1.1440

 201.6373,
139.2859, 173.1843

 1.4930, 0.0000,
0.0000

245.0051,

 0.3211, 0.0000,

174.0951, 214.4574

0.0000

294.1841,
214.2685, 261.8165

■ 0.0000, 0.0000,
0.0000

■ 43.0015, 21.5506,
29.9102

■ 43.0015, 21.5506,
29.9102

■ 42.9997, 21.5499,
29.9009

■ 44.1404, 22.5473,
34.2393

■ 45.7694, 24.4189,
39.0567

■ 48.0220, 27.4297,
44.4143

■ 50.9784, 31.7382,
50.3459

■ 54.7065, 37.4776,
56.8808

■ 59.2654, 44.7643,
64.0455

■ 64.7084, 53.7028,
71.8639

■ 71.0841, 64.3882,
80.3587

■ 78.4376, 76.9085,
89.5509

Harmonies

Analogous

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



37.7480, 21.5506, 67.6893



43.0015, 21.5506, 29.9102



40.9475, 21.5506, 8.8465

Triad

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



43.0015, 21.5506, 29.9102



14.3897, 21.5506, 1.0120



11.7369, 21.5506, 89.9520

Complementary

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



43.0015, 21.5506, 29.9102



34.8134, 66.1693, 22.2603

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.



8.3095, 21.5506, 48.9320



43.0015, 21.5506, 29.9102



9.4969, 21.5506, 4.4952

Square

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



43.0015, 21.5506, 29.9102



22.6249, 21.5506, 0.5769



7.6311, 21.5506, 18.0192



18.4811, 21.5506, 115.5112

Rectangle

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



43.0015, 21.5506, 29.9102



35.9363, 21.5506, 3.2439



7.6311, 21.5506, 18.0192



10.2498, 21.5506, 76.5208

Sweetspot

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



43.0021, 21.5518, 29.9105



70.8105, 58.7203, 78.6256



21.0932, 8.9710, 87.0060



14.5920, 11.6360, 16.0363



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.



43.0021, 21.5518, 29.9105



47.0742, 23.5937, 32.6525



37.8741, 19.5006, 2.9066



16.9195, 16.6507, 19.3227



23.2350, 11.6374, 16.4775



2.0927, 1.0430, 1.7143

Inverse Universe

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



43.0021, 21.5518, 29.9105



47.0742, 23.5937, 32.6525



45.1026, 70.2850, 76.4423



16.9195, 16.6507, 19.3227



23.2350, 11.6374, 16.4775



2.0927, 1.0430, 1.7143

Previews

White Background



This preview shows how the XYZ color 43.0015, 21.5506, 29.9102 looks on a white background.

Color Contrast Check

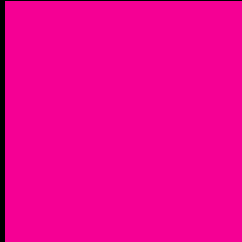
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0015, 21.5506, 29.9102 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 43.0015, 21.5506, 29.9102

Background



This preview shows how black text looks on a background with the XYZ color 43.0015, 21.5506, 29.9102.



This preview shows how white text looks on a background with the XYZ color 43.0015, 21.5506,

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

43.0015, 21.5506, 29.9102

Protanopia

24.1924, 22.3651, 65.3292

Deuteranopia

22.4574, 22.1311, 26.7550



Tritanopia

38.3148, 21.9794, 6.4980

Trichromacy



Original Color

43.0015, 21.5506, 29.9102



Protanomaly

24.7054, 16.0430, 49.9386



Deuteranomaly

25.8078, 17.0075, 27.1219



Tritanomaly

39.2428, 21.0362, 12.1173

Monochromacy



Original Color

43.0015, 21.5506, 29.9102



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

16.1864, 10.1849, 16.1517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0015, 21.5506, 29.9102 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(245, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 148)  
}
```

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(245, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 43.0015, 21.5506, 29.9102 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(245, 0, 148) }
```


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

```
.border{ border-color:rgb(245, 0, 148) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0015, 21.5506, 29.9102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 148) }
```

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

```
.background{ background-color: rgb(245, 0,  
148) }
```

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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