

Converting Colors

XYZ(51.5372, 29.5700, 43.2336)

Have a look what the booklet for
XYZ(51.5372, 29.5700, 43.2336)
contains.

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Color

**XYZ(51.5339, 29.6237,
43.0462)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4DAE |
| RGB | 255, 77, 174 |
| RGB Percent | 100%, 30%, 68% |
| CMY | 0.0000, 0.6980, 0.3176 |
| CMYK | 0.00, 0.70, 0.32, 0.00 |
| HSL | 327°, 100%, 65% |
| HSV | 327°, 70%, 100% |
| XYZ | 51.5339, 29.6237, 43.0462 |
| YIQ | 141.2800, 74.9510, 67.9030 |

Conversions

Conversions Part 2

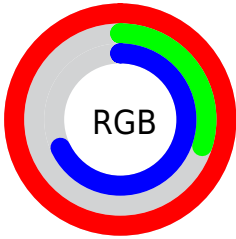
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 255, 77, 174 |
| Decimal | 16731566 |
| CIE _{Lab} | 61.33, 74.40, -13.46 |
| CIE _{LCh} | 61, 75.610, 349.744 |
| Yxy | 29.6237, 0.4149, 0.2385 |
| Android (android.graphics.Color) | 4294921646 (0xFFFF4DAE) |
| YUV | 141.2800, 16.1310, 99.7324 |
| Hunter-Lab | 54.4277, 73.7613, -8.7924 |

Details

The XYZ color **51.5339, 29.6237, 43.0462** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **44.9938, 75.5672, 44.5666**, and the grayscale version is **25.3469, 26.6669, 29.0403**.

A 20% lighter version of the original color is **64.6114, 45.1501, 80.1724**, and **25.7610, 12.8745, 19.5396** is the 20% darker color. If you saturate the color by 10%, you get **49.0031, 26.2952, 36.8600**, and if you desaturate by 10%, it is **54.8627, 34.3917, 49.9812**.

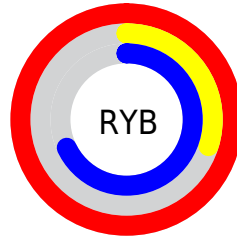
Distribution



Red (100%)

Green (30%)

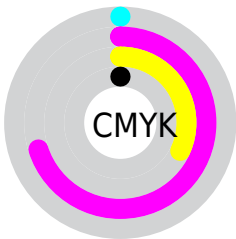
Blue (68%)



Red (100%)

Yellow (30%)

Blue (68%)

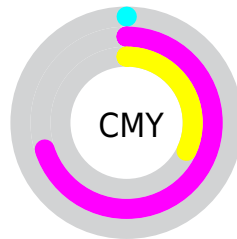


Cyan (0%)

Magenta (70%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (70%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5339, 29.6237, 43.0462 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 51.5339, 29.6237, 43.0462 by changing the saturation by 10% instead.


 51.5339, 29.6237,
43.0462

 51.5339, 29.6237,
43.0462

382.9881,
300.1465, 374.7285

 36.8565, 19.5531,
29.5897


 91.6218, 59.0666,
81.0677


 25.2695, 12.0706,
19.2780


 117.7629, 79.2077,
106.4697

 16.4078, 6.7918,
11.6925


 148.4560,
103.4744, 136.6907

 9.9058, 3.3322,
6.4146

 184.0664,
132.2512, 172.1492

 5.3984, 1.3075,
3.0260

224.9595,
165.9224, 213.2636

 2.5200, 0.1470,
1.1079

271.5005,

 0.9053, 0.0000,

204.8724, 260.4527

0.0000

324.0550,
249.4856, 314.1348

■ 0.0000, 0.0000,
0.0000

■ 51.5339, 29.6237,
43.0462

■ 51.5339, 29.6237,
43.0462

■ 49.0031, 26.2952,
36.8600

■ 54.8627, 34.3917,
49.9812

■ 47.1786, 24.2268,
31.3791

■ 59.0626, 40.7418,
57.7003

■ 45.9194, 23.1406,
26.5441

■ 64.2005, 48.8041,
66.2374

■ 45.8969, 23.1228,
26.4529

■ 70.3359, 58.6938,
75.6231

■ 77.5231, 70.5162,
85.8862

85.8123, 84.3684,
97.0538

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



45.4574, 29.6237, 82.3011



51.5339, 29.6237, 43.0462



50.3163, 29.6237, 17.0418

Triad

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



51.5339, 29.6237, 43.0462



22.1668, 29.6237, 3.2687



17.5005, 29.6237, 94.8759

Complementary

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



51.5339, 29.6237, 43.0462



44.9938, 75.5672, 44.5666

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.



13.6980, 29.6237, 54.5716



51.5339, 29.6237, 43.0462



15.9186, 29.6237, 8.2014

Square

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



51.5339, 29.6237, 43.0462



31.7079, 29.6237, 2.7842



13.1968, 29.6237, 23.4375



24.8806, 29.6237, 121.9963

Rectangle

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



51.5339, 29.6237, 43.0462



45.6094, 29.6237, 8.3534



13.1968, 29.6237, 23.4375



15.8433, 29.6237, 81.6003

Sweetspot

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



51.5346, 29.6252, 43.0467



76.6034, 68.9921, 84.6073



34.6298, 19.7079, 96.5866



15.9561, 14.0401, 17.4901



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.



51.5346, 29.6252, 43.0467



48.1565, 25.2843, 34.4747



45.5707, 27.2396, 11.6410



18.4235, 18.1527, 20.8471



24.0585, 12.1127, 14.2243



2.3976, 1.2014, 1.6754

Inverse Universe

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



51.5346, 29.6252, 43.0467



48.1565, 25.2843, 34.4747



55.4714, 79.7582, 99.7409



18.4235, 18.1527, 20.8471



24.0585, 12.1127, 14.2243



2.3976, 1.2014, 1.6754

Previews

White Background



This preview shows how the XYZ color 51.5339, 29.6237, 43.0462 looks on a white background.

Color Contrast Check

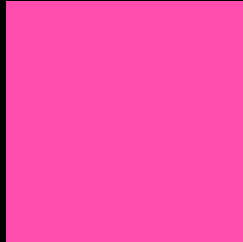
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5339, 29.6237, 43.0462 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 51.5339, 29.6237, 43.0462

Background



This preview shows how black text looks on a background with the XYZ color 51.5339, 29.6237, 43.0462.



This preview shows how white text looks on a background with the XYZ color 51.5339, 29.6237,

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

51.5339, 29.6237, 43.0462

Protanopia

31.4897, 29.9693, 73.2322

Deuteranopia

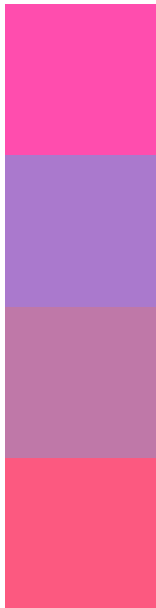
30.2824, 29.6317, 39.7207



Tritanopia

46.0055, 29.6490, 15.8685

Trichromacy



Original Color

51.5339, 29.6237, 43.0462

Protanomaly

34.4344, 26.6286, 61.0825

Deuteranomaly

35.2702, 27.3365, 40.4633

Tritanomaly

47.6135, 29.3987, 23.5871

Monochromacy



Original Color

51.5339, 29.6237, 43.0462

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

31.5196, 25.2019, 33.3402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5339, 29.6237, 43.0462 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(255, 77, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 174)  
}
```

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(255, 77, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 174) }
```

Border

The CSS property to change the border of an element to XYZ 51.5339, 29.6237, 43.0462 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(255, 77, 174) }
```


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

```
.border{ border-color:rgb(255, 77, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5339, 29.6237, 43.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 174) }
```

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

```
.background{ background-color: rgb(255, 77,  
174) }
```

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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