

Converting Colors

XYZ(51.6903, 29.6381, 44.0194)

Have a look what the booklet for
XYZ(51.6903, 29.6381, 44.0194)
contains.

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Color

**XYZ(51.7304, 29.7023,
44.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DB0
RGB	255, 77, 176
RGB Percent	100%, 30%, 69%
CMY	0.0000, 0.6980, 0.3098
CMYK	0.00, 0.70, 0.31, 0.00
HSL	327°, 100%, 65%
HSV	327°, 70%, 100%
XYZ	51.7304, 29.7023, 44.0809
YIQ	141.5080, 74.3090, 68.5250

Conversions

Conversions Part 2

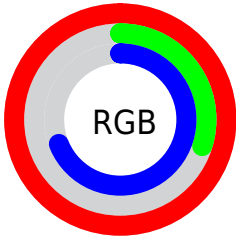
Format	Color
RYB	255, 77, 176
Decimal	16731568
CIELab	61.40, 74.63, -14.51
CIElCh	61, 76.023, 348.995
Yxy	29.7023, 0.4121, 0.2366
Android (android.graphics.Color)	4294921648 (0xFFFF4DB0)
YUV	141.5080, 17.0046, 99.5325
Hunter-Lab	54.4998, 74.0548, -9.8055

Details

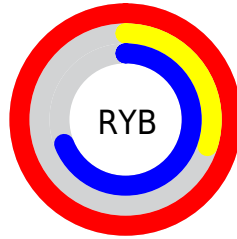
The XYZ color **51.7304, 29.7023, 44.0809** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **44.8230, 75.4988, 43.6671**, and the grayscale version is **25.4333, 26.7578, 29.1392**.

A 20% lighter version of the original color is **64.8940, 45.2632, 81.6603**, and **25.8233, 12.8994, 19.8677** is the 20% darker color. If you saturate the color by 10%, you get **49.2089, 26.3775, 37.9438**, and if you desaturate by 10%, it is **55.0454, 34.4648, 50.9438**.

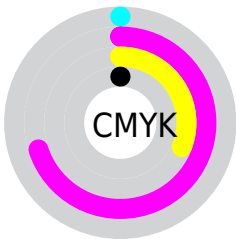
Distribution



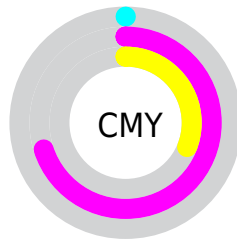
- Red (100%)
- Green (30%)
- Blue (69%)



- Red (100%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7304, 29.7023, 44.0809 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 51.7304, 29.7023, 44.0809 by changing the saturation by 10% instead.


 51.7304, 29.7023,
44.0809


 51.7304, 29.7023,
44.0809

383.7360,
300.5143, 379.0893


 37.0136, 19.6127,
30.3965


 91.9101, 59.1911,
82.6432


 25.3918, 12.1139,
19.8851


 118.1037, 79.3591,
108.3582

 16.4995, 6.8213,
12.1283


 148.8537,
103.6553, 138.9204

 9.9714, 3.3506,
6.7075

 184.5254,
132.4642, 174.7485

 5.4421, 1.3174,
3.2042

225.4841,
166.1702, 216.2608

 2.5463, 0.1546,
1.1998

272.0952,

 0.9187, 0.0000,

205.1576, 263.8761

0.0000

324.7240,
249.8108, 318.0127

■ 0.0000, 0.0000,
0.0000

■ 51.7304, 29.7023,
44.0809

■ 51.7304, 29.7023,
44.0809

■ 49.2089, 26.3775,
37.9438

■ 55.0454, 34.4648,
50.9438

■ 47.3895, 24.3112,
32.4899

■ 59.2271, 40.8076,
58.5668

■ 46.1315, 23.2255,
27.6611

■ 64.3421, 48.8607,
66.9829

■ 46.1090, 23.2076,
27.5697

■ 70.4496, 58.7393,
76.2218

■ 77.6039, 70.5485,
86.3115

85.8549, 84.3854,
97.2780

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.



45.4446, 29.7023, 83.8527



51.7304, 29.7023, 44.0809



50.6950, 29.7023, 17.4793

Triad

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



51.7304, 29.7023, 44.0809



22.4035, 29.7023, 3.1750



17.3669, 29.7023, 94.5581

Complementary

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



51.7304, 29.7023, 44.0809



44.8230, 75.4988, 43.6671

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.



13.6317, 29.7023, 53.8747



51.7304, 29.7023, 44.0809



16.0273, 29.7023, 7.9414

Square

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



51.7304, 29.7023, 44.0809



32.0779, 29.7023, 2.7694



13.2078, 29.7023, 22.8955



24.7049, 29.7023, 122.5978

Rectangle

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



51.7304, 29.7023, 44.0809



46.0447, 29.7023, 8.5379



13.2078, 29.7023, 22.8955



15.7309, 29.7023, 81.0818

Sweetspot

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



51.7311, 29.7038, 44.0814



76.6883, 69.0261, 85.0548



34.0575, 19.4129, 96.5598



15.9763, 14.0482, 17.5966



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.



51.7311, 29.7038, 44.0814



48.3650, 25.3677, 35.5724



45.6926, 27.2884, 12.2829



18.4323, 18.1562, 20.8938



24.1693, 12.1570, 14.8081



2.4083, 1.2057, 1.7315

Inverse Universe

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



51.7311, 29.7038, 44.0814



48.3650, 25.3677, 35.5724



55.0193, 79.5774, 97.3603



18.4323, 18.1562, 20.8938



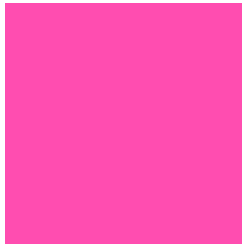
24.1693, 12.1570, 14.8081



2.4083, 1.2057, 1.7315

Previews

White Background



This preview shows how the XYZ color 51.7304, 29.7023, 44.0809 looks on a white background.

Color Contrast Check

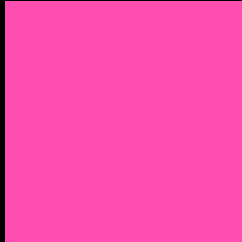
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7304, 29.7023, 44.0809 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 51.7304, 29.7023, 44.0809

Background



This preview shows how black text looks on a background with the XYZ color 51.7304, 29.7023, 44.0809.



This preview shows how white text looks on a background with the XYZ color 51.7304, 29.7023,

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

51.7304, 29.7023, 44.0809

Protanopia

31.7546, 30.0590, 75.3625

Deuteranopia

30.4269, 29.9108, 40.7289



Tritanopia

45.7898, 29.6684, 16.1451

Trichromacy



Original Color

51.7304, 29.7023, 44.0809



Protanomaly

34.6774, 26.7258, 62.3624



Deuteranomaly

35.4580, 27.4116, 41.4523



Tritanomaly

47.4691, 29.4333, 24.2984

Monochromacy



Original Color

51.7304, 29.7023, 44.0809



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

31.8396, 25.3572, 33.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7304, 29.7023, 44.0809 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, 176)` looks like.

```
.text, #text, p{  
  color:rgb(255, 77, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 176) }
```

Border

The CSS property to change the border of an element to XYZ 51.7304, 29.7023, 44.0809 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, 176) }
```


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

```
.border{ border-color:rgb(255, 77, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7304, 29.7023, 44.0809 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, 176) }
```

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

```
.background{ background-color: rgb(255, 77,  
176) }
```

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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