

Converting Colors

XYZ(50.5431, 30.2637, 39.6053)

Have a look what the booklet for
XYZ(50.5431, 30.2637, 39.6053)
contains.

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Color

**XYZ(50.5281, 30.3019,
39.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	FC57A7
RGB	252, 87, 167
RGB Percent	99%, 34%, 65%
CMY	0.0118, 0.6588, 0.3451
CMYK	0.00, 0.65, 0.34, 0.01
HSL	331°, 96%, 66%
HSV	331°, 65%, 99%
XYZ	50.5281, 30.3019, 39.7449
YIQ	145.4550, 72.6600, 59.8600

Conversions

Conversions Part 2

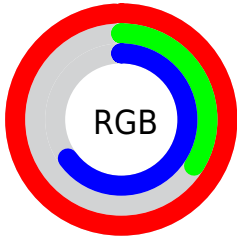
Format	Color
R_{YB}	252, 87, 167
Decimal	16537511
CIE _{Lab}	61.91, 69.21, -8.60
CIE _{LCh}	62, 69.740, 352.916
Yxy	30.3019, 0.4191, 0.2513
Android (android.graphics.Color)	4294727591 (0xFFFC57A7)
YUV	145.4550, 10.6217, 93.4400
Hunter-Lab	55.0472, 67.5136, -4.2753

Details

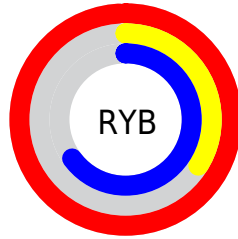
The XYZ color **50.5281, 30.3019, 39.7449** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **46.1891, 74.6264, 51.0045**, and the grayscale version is **27.0377, 28.4458, 30.9775**.

A 20% lighter version of the original color is **64.7037, 47.0917, 74.7866**, and **24.6455, 12.4444, 17.3227** is the 20% darker color. If you saturate the color by 10%, you get **47.6914, 26.4538, 33.1722**, and if you desaturate by 10%, it is **54.1987, 35.6248, 47.1906**.

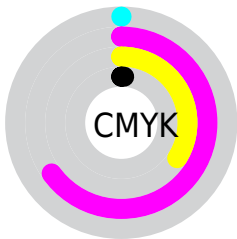
Distribution



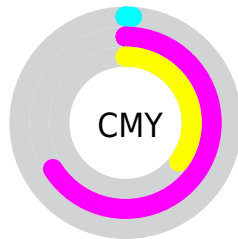
- Red (99%)
- Green (34%)
- Blue (65%)



- Red (99%)
- Yellow (34%)
- Blue (65%)



- Cyan (0%)
- Magenta (65%)
- Yellow (34%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5281, 30.3019, 39.7449 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 50.5281, 30.3019, 39.7449 by changing the saturation by 10% instead.


 50.5281, 30.3019,
39.7449


 50.5281, 30.3019,
39.7449

379.1455,
303.3092, 360.5673


 36.0527, 20.0679,
27.0274

 90.1440, 60.1393,
76.0077


 24.6452, 12.4444,
17.3612


 116.0152, 80.5114,
100.3902

 15.9402, 7.0471,
10.3277


 146.4157,
105.0317, 129.4980

 9.5725, 3.4916,
5.5083


 181.7109,
134.0845, 163.7498

 5.1765, 1.3934,
2.4846

222.2661,
168.0543, 203.5641

 2.3870, 0.2119,
0.8320

268.4467,

 0.8386, 0.0000,

207.3254, 249.3594

0.0000

320.6181,
252.2822, 301.5543

■ 0.0000, 0.0000,
0.0000

■ 50.5281, 30.3019,
39.7449

■ 50.5281, 30.3019,
39.7449

■ 47.6914, 26.4538,
33.1722

■ 54.1987, 35.6248,
47.1906

■ 45.6047, 23.9186,
27.4262

■ 58.7707, 42.5523,
55.5478


■ 44.1691, 22.5042,
22.4561


■ 64.3072, 51.2053,
64.8537

■ 43.6685, 22.1049,
20.4342

■ 70.8646, 61.6916,
75.1427

■ 78.4948, 74.1103,
86.4469

 87.2461, 88.5531,
98.7968

 93.9549, 99.4354,
108.8487

Harmonies

Analogous

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



45.6171, 30.3019, 74.6903



50.5281, 30.3019, 39.7449



48.6901, 30.3019, 16.7568

Triad

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



50.5281, 30.3019, 39.7449



22.3642, 30.3019, 4.6881



19.2802, 30.3019, 93.3091

Complementary

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



50.5281, 30.3019, 39.7449



46.1891, 74.6264, 51.0045

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.



15.2341, 30.3019, 57.3202



50.5281, 30.3019, 39.7449



16.7276, 30.3019, 10.6961

Square

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



50.5281, 30.3019, 39.7449



31.0709, 30.3019, 3.7596



14.4127, 30.3019, 27.0537



26.6446, 30.3019, 114.7711

Rectangle

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



50.5281, 30.3019, 39.7449



44.0410, 30.3019, 8.9150



14.4127, 30.3019, 27.0537



17.5579, 30.3019, 81.8110

Sweetspot

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



50.5290, 30.3035, 39.7454



76.9375, 70.0876, 83.4014



37.4504, 22.3373, 94.4331



16.0024, 14.2454, 17.1583



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.



50.5290, 30.3035, 39.7454



48.1419, 26.0981, 31.8707



45.2746, 28.2018, 12.0762



17.5952, 17.3655, 19.7243



22.8213, 11.5442, 11.0331



2.1670, 1.0905, 1.3027

Inverse Universe

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



50.5290, 30.3035, 39.7454



48.1419, 26.0981, 31.8707



56.3125, 78.6758, 104.3134



17.5952, 17.3655, 19.7243



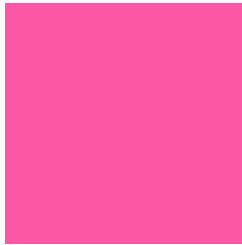
22.8213, 11.5442, 11.0331



2.1670, 1.0905, 1.3027

Previews

White Background



This preview shows how the XYZ color 50.5281, 30.3019, 39.7449 looks on a white background.

Color Contrast Check

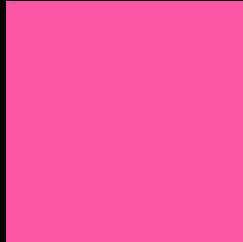
Large Text (above 18pt) WCAG AA × Fail

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 50.5281, 30.3019, 39.7449 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5281, 30.3019, 39.7449

Background



This preview shows how black text looks on a background with the XYZ color 50.5281, 30.3019, 39.7449.



This preview shows how white text looks on a background with the XYZ color 50.5281, 30.3019,

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

50.5281, 30.3019, 39.7449

Protanopia

31.4908, 30.6394, 63.9288

Deuteranopia

30.8806, 30.2276, 37.0078



Tritanopia

45.7182, 30.1642, 17.6000

Trichromacy



Original Color

50.5281, 30.3019, 39.7449



Protanomaly

34.9910, 28.0021, 54.0128



Deuteranomaly

35.7216, 28.3614, 37.7740



Tritanomaly

47.2122, 30.0905, 24.0886

Monochromacy



Original Color

50.5281, 30.3019, 39.7449



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

32.7246, 26.9056, 33.6055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5281, 30.3019, 39.7449 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(252, 87, 167)` looks like.

```
.text, #text, p{  
    color:rgb(252, 87, 167)  
}
```

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(252, 87, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 87, 167) }
```

Border

The CSS property to change the border of an element to XYZ 50.5281, 30.3019, 39.7449 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(252, 87, 167) }
```


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

```
.border{ border-color:rgb(252, 87, 167) }
```

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

Here you see how a box with a 4 pixel rgb(252, 87, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 87, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 87, 167);  
box-shadow:4px 4px 4px 4px rgb(252, 87,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5281, 30.3019, 39.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 87, 167) }
```

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

```
.background{ background-color: rgb(252, 87,  
167) }
```

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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