

Converting Colors

XYZ(49.5772, 27.1048, 43.4170)

Have a look what the booklet for
XYZ(49.5772, 27.1048, 43.4170)
contains.

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Color

**XYZ(49.5515, 27.1281,
43.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	FC3DAF
RGB	252, 61, 175
RGB Percent	99%, 24%, 69%
CMY	0.0118, 0.7607, 0.3137
CMYK	0.00, 0.76, 0.31, 0.01
HSL	324°, 97%, 61%
HSV	324°, 76%, 99%
XYZ	49.5515, 27.1281, 43.1820
YIQ	131.1050, 77.2420, 75.9460

Conversions

Conversions Part 2

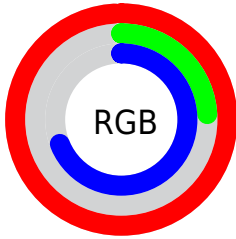
Format	Color
R _Y B	252, 61, 175
Decimal	16530863
CIE Lab	59.09, 78.74, -17.47
CIE LCh	59, 80.656, 347.490
Yxy	27.1281, 0.4134, 0.2263
Android (android.graphics.Color)	4294720943 (0xFFFC3DAF)
YUV	131.1050, 21.6402, 106.0249
Hunter-Lab	52.0846, 78.6705, -12.6965

Details

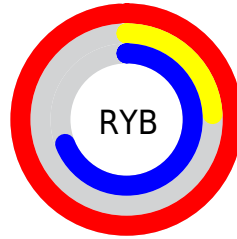
The XYZ color **49.5515, 27.1281, 43.1820** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **41.3242, 72.4488, 35.8558**, and the grayscale version is **21.5189, 22.6395, 24.6544**.

A 20% lighter version of the original color is **63.1247, 41.9512, 80.3717**, and **24.7481, 12.3523, 19.4922** is the 20% darker color. If you saturate the color by 10%, you get **47.5472, 24.6568, 37.7745**, and if you desaturate by 10%, it is **52.2637, 30.8947, 49.1964**.

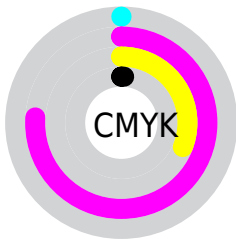
Distribution



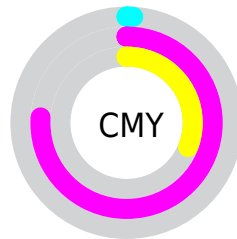
- Red (99%)
- Green (24%)
- Blue (69%)



- Red (99%)
- Yellow (24%)
- Blue (69%)



- Cyan (0%)
- Magenta (76%)
- Yellow (31%)
- Black (1%)



- Cyan (1%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5515, 27.1281, 43.1820 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 49.5515, 27.1281, 43.1820 by changing the saturation by 10% instead.

49.5515, 27.1281,
43.1820

49.5515, 27.1281,
43.1820

375.3905,
288.2768, 375.3029

35.2735, 17.6695,
29.6955

88.7058, 55.0894,
81.2747

24.0411, 10.7129,
19.3575

114.3128, 74.3608,
106.7180

15.4890, 5.8742,
11.7494

144.4269, 97.6719,
136.9840

9.2519, 2.7687,
6.4528

179.4134,
125.4071, 172.4912

4.9642, 1.0122,
3.0491

219.6376,
157.9508, 213.6581

2.2608, 0.0000,
1.1198

265.4650,

0.7745, 0.0000,

195.6874, 260.9034

0.0000

317.2608,
239.0013, 314.6454

■ 0.0000, 0.0000,
0.0000

■ 49.5515, 27.1281,
43.1820

■ 49.5515, 27.1281,
43.1820

■ 47.5472, 24.6568,
37.7745

■ 52.2637, 30.8947,
49.1964

■ 46.1499, 23.2819,
32.9314


■ 55.7612, 36.1094,
55.8506


■ 45.6824, 22.9105,
31.0385

■ 60.1132, 42.9081,
63.1756

■ 65.3806, 51.4097,
71.1990

■ 71.6181, 61.7218,
79.9462

 78.8763, 73.9430,
89.4412

 87.2019, 88.1647,
99.7063

 93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



42.7635, 27.1281, 84.7463



49.5515, 27.1281, 43.1820



48.8845, 27.1281, 15.8595

Triad

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



49.5515, 27.1281, 43.1820



20.4144, 27.1281, 1.9743



14.8296, 27.1281, 91.7803

Complementary

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



49.5515, 27.1281, 43.1820



41.3242, 72.4488, 35.8558

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.



11.4232, 27.1281, 49.4287



49.5515, 27.1281, 43.1820



14.0256, 27.1281, 5.7348

Square

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



49.5515, 27.1281, 43.1820



30.1892, 27.1281, 1.7768



11.1732, 27.1281, 19.1211



21.8304, 27.1281, 122.8526

Rectangle

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



49.5515, 27.1281, 43.1820



44.3022, 27.1281, 7.0686



11.1732, 27.1281, 19.1211



13.3147, 27.1281, 77.4850

Sweetspot

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



49.5523, 27.1296, 43.1825



75.5329, 66.6875, 84.7548



29.6237, 15.7201, 93.5686



15.6236, 13.3649, 17.4106



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.



49.5523, 27.1296, 43.1825



48.0177, 24.4597, 36.1146



43.2665, 24.6152, 10.0819



17.6795, 17.3992, 20.1680



23.8713, 11.9643, 16.5627



2.2633, 1.1291, 1.8101

Inverse Universe

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



49.5523, 27.1296, 43.1825



48.0177, 24.4597, 36.1146



51.4297, 76.4910, 89.0707



17.6795, 17.3992, 20.1680



23.8713, 11.9643, 16.5627



2.2633, 1.1291, 1.8101

Previews

White Background



This preview shows how the XYZ color 49.5515, 27.1281, 43.1820 looks on a white background.

Color Contrast Check

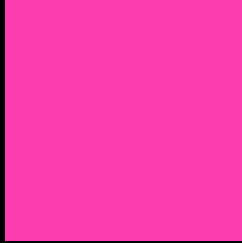
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5515, 27.1281, 43.1820 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 49.5515, 27.1281, 43.1820

Background



This preview shows how black text looks on a background with the XYZ color 49.5515, 27.1281, 43.1820.

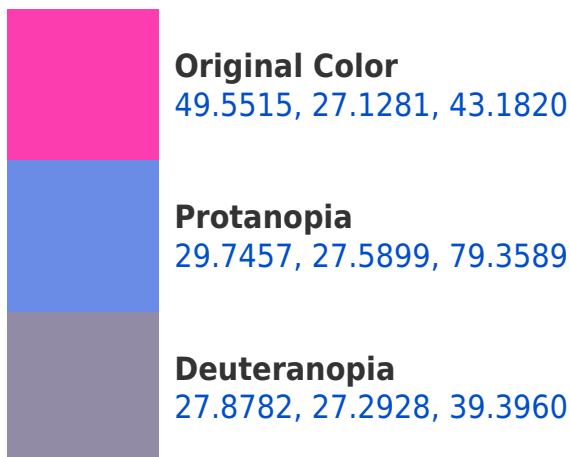


This preview shows how white text looks on a background with the XYZ color 49.5515, 27.1281,

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





Tritanopia

43.3460, 27.1819, 13.0873

Trichromacy



Original Color

49.5515, 27.1281, 43.1820



Protanomaly

31.7404, 23.4430, 64.4801



Deuteranomaly

32.8535, 24.5477, 40.5427



Tritanomaly

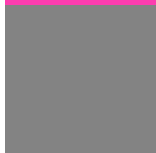
44.9486, 26.8104, 21.2182

Monochromacy



Original Color

49.5515, 27.1281, 43.1820



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

28.0997, 21.5286, 30.2782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5515, 27.1281, 43.1820 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, 61, 175)` looks like.

```
.text, #text, p{  
    color:rgb(252, 61, 175)  
}
```

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, 61, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 61, 175) }
```

Border

The CSS property to change the border of an element to XYZ 49.5515, 27.1281, 43.1820 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, 61, 175) }
```


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

```
.border{ border-color:rgb(252, 61, 175) }
```

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

Here you see how a box with a 4 pixel rgb(252, 61, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 61, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 61, 175);  
box-shadow:4px 4px 4px 4px rgb(252, 61,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5515, 27.1281, 43.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 61, 175) }
```

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

```
.background{ background-color: rgb(252, 61,  
175) }
```

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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