

Converting Colors

XYZ(49.5515, 28.4405, 36.8724)

Have a look what the booklet for
XYZ(49.5515, 28.4405, 36.8724)
contains.

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Color

**XYZ(49.4784, 28.3888,
37.0542)**

Conversions

Conversions Part 1

Format	Color
Hex	FD4AA2
RGB	253, 74, 162
RGB Percent	99%, 29%, 64%
CMY	0.0078, 0.7098, 0.3647
CMYK	0.00, 0.71, 0.36, 0.01
HSL	331°, 98%, 64%
HSV	331°, 71%, 99%
XYZ	49.4784, 28.3888, 37.0542
YIQ	137.5530, 78.4360, 65.3160

Conversions

Conversions Part 2

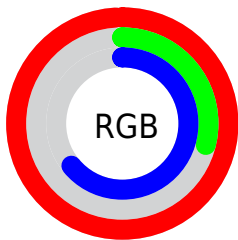
Format	Color
R _Y B	253, 74, 162
Decimal	16599714
CIE Lab	60.24, 73.61, -8.19
CIE LCh	60, 74.059, 353.653
Yxy	28.3888, 0.4305, 0.2470
Android (android.graphics.Color)	4294789794 (0xFFFD4AA2)
YUV	137.5530, 12.0524, 101.2470
Hunter-Lab	53.2811, 72.5182, -3.9362

Details

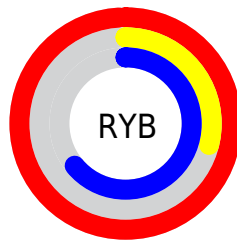
The XYZ color **49.4784, 28.3888, 37.0542** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **44.7427, 74.4239, 47.6094**, and the grayscale version is **23.9238, 25.1698, 27.4099**.

A 20% lighter version of the original color is **62.4284, 43.5977, 70.7705**, and **24.3003, 12.2022, 15.8263** is the 20% darker color. If you saturate the color by 10%, you get **47.0302, 25.2295, 30.8825**, and if you desaturate by 10%, it is **52.7239, 32.9551, 44.0692**.

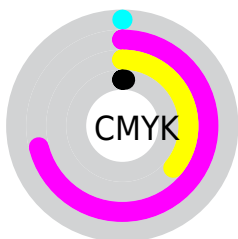
Distribution



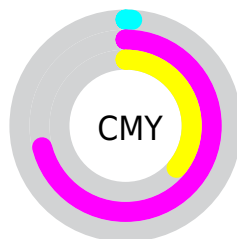
- Red (99%)
- Green (29%)
- Blue (64%)



- Red (99%)
- Yellow (29%)
- Blue (64%)



- Cyan (0%)
- Magenta (71%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4784, 28.3888, 37.0542 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 49.4784, 28.3888, 37.0542 by changing the saturation by 10% instead.


 49.4784, 28.3888,
37.0542


 49.4784, 28.3888,
37.0542


375.1084,
294.3201, 348.7209


 35.2152, 18.6189,
24.9533


 88.5980, 57.1046,
71.8434


 23.9960, 11.3953,
15.8236


 114.1852, 76.8193,
95.3688

 15.4554, 6.3334,
9.2464


 144.2777,
100.6178, 123.5395

 9.2280, 3.0488,
4.8032

 179.2410,
128.8844, 156.7740

 4.9485, 1.1573,
2.0756

219.4403,
162.0035, 195.4908

 2.2515, 0.0264,
0.6012

265.2411,

 0.7697, 0.0000,

200.3596, 240.1086

0.0000

317.0087,
244.3370, 291.0457

■ 0.0000, 0.0000,
0.0000

■ 49.4784, 28.3888,
37.0542

■ 49.4784, 28.3888,
37.0542

■ 47.0302, 25.2295,
30.8825

■ 52.7239, 32.9551,
44.0692

■ 45.2862, 23.2973,
25.5051


■ 56.8401, 39.0706,
51.9678


■ 44.1698, 22.3474,
21.1781


■ 61.8945, 46.8647,
60.7886

■ 67.9468, 56.4518,
70.5668

■ 75.0515, 67.9366,
81.3352

 83.2592, 81.4151,
93.1249

 92.6169, 96.9772,
105.9655

 94.3181, 99.6227,
108.8657

Harmonies

Analogous

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



44.5050, 28.3888, 73.3678



49.4784, 28.3888, 37.0542



47.3804, 28.3888, 14.3307

Triad

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



49.4784, 28.3888, 37.0542



20.3056, 28.3888, 3.5027



17.5503, 28.3888, 94.9776

Complementary

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



49.4784, 28.3888, 37.0542



44.7427, 74.4239, 47.6094

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.



13.4844, 28.3888, 56.9664



49.4784, 28.3888, 37.0542



14.7948, 28.3888, 9.1342

Square

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



49.4784, 28.3888, 37.0542



29.0503, 28.3888, 2.6337



12.6094, 28.3888, 25.4866



25.0156, 28.3888, 117.3420

Rectangle

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



49.4784, 28.3888, 37.0542



42.4517, 28.3888, 7.0535



12.6094, 28.3888, 25.4866



15.8184, 28.3888, 82.8206

Sweetspot

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



49.4792, 28.3903, 37.0547



76.2040, 68.8323, 82.5045



35.3871, 19.8309, 94.8913



15.8613, 14.0022, 16.9908



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.



49.4792, 28.3903, 37.0547



47.0367, 24.7005, 28.9968



44.1940, 26.2762, 9.2230



18.3816, 18.1360, 20.6267



23.5699, 11.9173, 11.6516



2.3499, 1.1824, 1.4242

Inverse Universe

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



49.4792, 28.3903, 37.0547



47.0367, 24.7005, 28.9968



55.6799, 78.7988, 105.2037



18.3816, 18.1360, 20.6267



23.5699, 11.9173, 11.6516



2.3499, 1.1824, 1.4242

Previews

White Background



This preview shows how the XYZ color 49.4784, 28.3888, 37.0542 looks on a white background.

Color Contrast Check

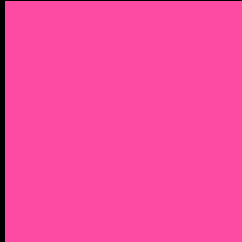
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4784, 28.3888, 37.0542 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 49.4784, 28.3888, 37.0542

Background



This preview shows how black text looks on a background with the XYZ color 49.4784, 28.3888, 37.0542.



This preview shows how white text looks on a background with the XYZ color 49.4784, 28.3888,

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

49.4784, 28.3888, 37.0542

Protanopia

29.6651, 28.5590, 63.6234

Deuteranopia

28.9849, 28.4176, 34.0945



Tritanopia

44.5638, 28.2832, 14.1768

Trichromacy



Original Color

49.4784, 28.3888, 37.0542



Protanomaly

32.8957, 25.4891, 52.4763



Deuteranomaly

33.8479, 26.1992, 34.7255



Tritanomaly

46.0630, 28.1771, 20.7802

Monochromacy



Original Color

49.4784, 28.3888, 37.0542



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

30.2196, 24.0713, 30.6573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4784, 28.3888, 37.0542 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(253, 74, 162)` looks like.

```
.text, #text, p{  
    color:rgb(253, 74, 162)  
}
```

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(253, 74, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 74, 162) }
```

Border

The CSS property to change the border of an element to XYZ 49.4784, 28.3888, 37.0542 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(253, 74, 162) }
```


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

```
.border{ border-color:rgb(253, 74, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 74, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 74, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 74, 162);  
box-shadow:4px 4px 4px 4px rgb(253, 74,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4784, 28.3888, 37.0542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 74, 162) }
```

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

```
.background{ background-color: rgb(253, 74,  
162) }
```

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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