

Converting Colors

XYZ(48.4428, 29.1897, 27.4214)

Have a look what the booklet for
XYZ(48.4428, 29.1897, 27.4214)
contains.

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Color

**XYZ(48.3385, 29.0874,
27.4928)**

Conversions

Conversions Part 1

Format	Color
Hex	FD548B
RGB	253, 84, 139
RGB Percent	99%, 33%, 55%
CMY	0.0078, 0.6705, 0.4549
CMYK	0.00, 0.67, 0.45, 0.01
HSL	340°, 98%, 66%
HSV	340°, 67%, 99%
XYZ	48.3385, 29.0874, 27.4928
YIQ	140.8010, 83.0690, 52.9330

Conversions

Conversions Part 2

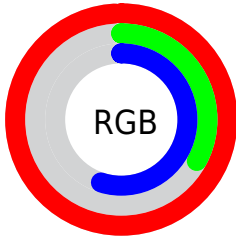
Format	Color
R _Y B	253, 84, 139
Decimal	16602251
CIE Lab	60.86, 67.82, 6.10
CIE LCh	61, 68.093, 5.143
Yxy	29.0874, 0.4607, 0.2772
Android (android.graphics.Color)	4294792331 (0xFFFD548B)
YUV	140.8010, -0.8879, 98.3985
Hunter-Lab	53.9327, 65.6026, 7.5292

Details

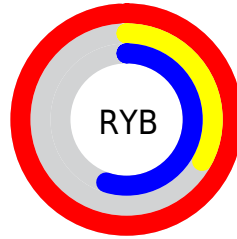
The XYZ color **48.3385, 29.0874, 27.4928** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48.9765, 76.2133, 65.5614**, and the grayscale version is **25.2217, 26.5352, 28.8968**.

A 20% lighter version of the original color is **60.5769, 44.7107, 55.3064**, and **23.2890, 11.7976, 10.5009** is the 20% darker color. If you saturate the color by 10%, you get **45.5657, 25.3844, 20.8888**, and if you desaturate by 10%, it is **52.0162, 34.2889, 35.3595**.

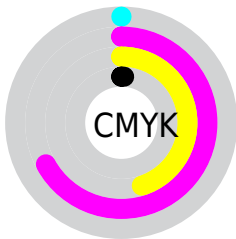
Distribution



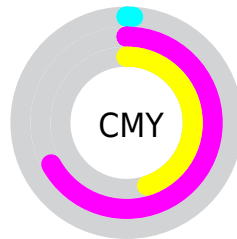
- Red (99%)
- Green (33%)
- Blue (55%)



- Red (99%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (67%)
- Yellow (45%)
- Black (1%)



- Cyan (1%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3385, 29.0874, 27.4928 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 48.3385, 29.0874, 27.4928 by changing the saturation by 10% instead.


 48.3385, 29.0874,
27.4928


 48.3385, 29.0874,
27.4928


370.6926,
297.6271, 303.8706


 34.3074, 19.1469,
17.7080


 86.9148, 58.2159,
56.6870


 23.2939, 11.7765,
10.5733


 112.1908, 78.1728,
76.9334

 14.9325, 6.5917,
5.6701


 141.9457,
102.2372, 101.5041

 8.8581, 3.2081,
2.5800

 176.5450,
130.7937, 130.8176

 4.7051, 1.2413,
0.8821

216.3539,
164.2265, 165.2925

 2.1082, 0.0951,
0.0000

261.7380,

 0.6937, 0.0000,

202.9200, 205.3472

0.0000

313.0624,
247.2588, 251.4004

■ 0.0000, 0.0000,
0.0000

■ 48.3385, 29.0874,
27.4928

■ 48.3385, 29.0874,
27.4928

■ 45.5657, 25.3844,
20.8888

■ 52.0162, 34.2889,
35.3595

■ 43.6061, 23.0104,
15.4717

■ 56.6735, 41.1245,
44.5545


■ 42.3490, 21.7599,
11.1569

■ 62.3796, 49.7198,
55.1403

■ 42.0433, 21.4968,
9.9814

■ 69.1964, 60.1869,
67.1746

■ 77.1810, 72.6284,
80.7115

 86.3864, 87.1395,
95.8024

94.3179, 99.6226,
108.8657

Harmonies

Analogous

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



46.1791, 29.0874, 56.9457



48.3385, 29.0874, 27.4928



44.0608, 29.0874, 11.0606

Triad

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



48.3385, 29.0874, 27.4928



18.9489, 29.0874, 6.1736



21.0821, 29.0874, 99.8361

Complementary

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



48.3385, 29.0874, 27.4928



48.9765, 76.2133, 65.5614

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.



15.9184, 29.0874, 68.9071



48.3385, 29.0874, 27.4928



14.8839, 29.0874, 15.2623

Square

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



48.3385, 29.0874, 27.4928



26.1464, 29.0874, 3.6856



13.9065, 29.0874, 36.2529



29.2033, 29.0874, 109.4287

Rectangle

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



48.3385, 29.0874, 27.4928



38.5791, 29.0874, 6.1266



13.9065, 29.0874, 36.2529



19.0034, 29.0874, 91.0018

Sweetspot

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



48.3393, 29.0890, 27.4933



75.8302, 69.6447, 77.5706



43.8404, 25.2600, 95.4932



15.7389, 14.1400, 15.7704



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.



48.3393, 29.0890, 27.4933



45.6573, 24.9210, 19.3516



47.9221, 33.1500, 12.2626



18.2530, 18.0845, 19.9496



22.4247, 11.4592, 5.6210



2.2311, 1.1348, 0.7986

Inverse Universe

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



48.3393, 29.0890, 27.4933



45.6573, 24.9210, 19.3516



48.2673, 62.7383, 102.4939



18.2530, 18.0845, 19.9496



22.4247, 11.4592, 5.6210



2.2311, 1.1348, 0.7986

Previews

White Background



This preview shows how the XYZ color 48.3385, 29.0874, 27.4928 looks on a white background.

Color Contrast Check

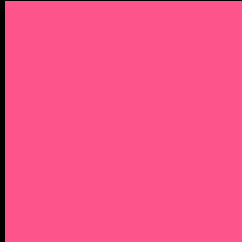
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3385, 29.0874, 27.4928 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 48.3385, 29.0874, 27.4928

Background



This preview shows how black text looks on a background with the XYZ color 48.3385, 29.0874, 27.4928.



This preview shows how white text looks on a background with the XYZ color 48.3385, 29.0874,

27.4928.

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

48.3385, 29.0874, 27.4928

Protanopia

29.0013, 29.3156, 44.6874

Deuteranopia

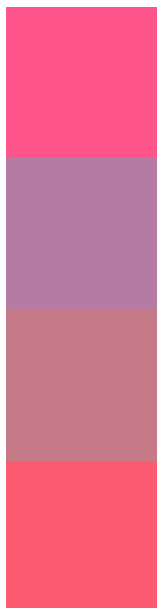
29.7061, 29.2002, 25.5432



Tritanopia

45.5433, 29.0345, 14.7591

Trichromacy



Original Color

48.3385, 29.0874, 27.4928

Protanomaly

32.8959, 26.7196, 37.6060

Deuteranomaly

34.4292, 27.4017, 26.0287

Tritanomaly

46.4205, 29.0138, 18.7764

Monochromacy



Original Color

48.3385, 29.0874, 27.4928

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

30.7415, 25.2715, 28.0686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3385, 29.0874, 27.4928 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, 84, 139)` looks like.

```
.text, #text, p{  
    color:rgb(253, 84, 139)  
}
```

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, 84, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 84, 139) }
```

Border

The CSS property to change the border of an element to XYZ 48.3385, 29.0874, 27.4928 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, 84, 139) }
```


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

```
.border{ border-color:rgb(253, 84, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 84, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 84, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 84, 139);  
box-shadow:4px 4px 4px 4px rgb(253, 84,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3385, 29.0874, 27.4928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 84, 139) }
```

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

```
.background{ background-color: rgb(253, 84,  
139) }
```

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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