

Converting Colors

XYZ(49.2913, 29.3082, 29.4447)

Have a look what the booklet for
XYZ(49.2913, 29.3082, 29.4447)
contains.

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Color

**XYZ(49.2913, 29.3082,
29.4447)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5290
RGB	255, 82, 144
RGB Percent	100%, 32%, 56%
CMY	0.0000, 0.6784, 0.4353
CMYK	0.00, 0.68, 0.44, 0.00
HSL	338°, 100%, 66%
HSV	338°, 68%, 100%
XYZ	49.2913, 29.3082, 29.4447
YIQ	140.7950, 83.2060, 55.9580

Conversions

Conversions Part 2

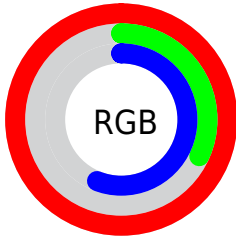
Format	Color
RYB	255, 82, 144
Decimal	16732816
CIELab	61.05, 69.59, 3.52
CIElCh	61, 69.676, 2.892
Yxy	29.3082, 0.4562, 0.2713
Android (android.graphics.Color)	4294922896 (0xFFFF5290)
YUV	140.7950, 1.5801, 100.1578
Hunter-Lab	54.1370, 67.7828, 5.6486

Details

The XYZ color **49.2913, 29.3082, 29.4447** 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 **48.8673, 77.1648, 62.7766**, and the grayscale version is **25.2100, 26.5229, 28.8834**.

A 20% lighter version of the original color is **60.9579, 44.3870, 58.7808**, and **24.0127, 12.1456, 11.6684** is the 20% darker color. If you saturate the color by 10%, you get **46.5515, 25.6871, 22.8021**, and if you desaturate by 10%, it is **52.9280, 34.4330, 37.2810**.

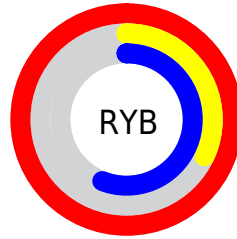
Distribution



Red (100%)

Green (32%)

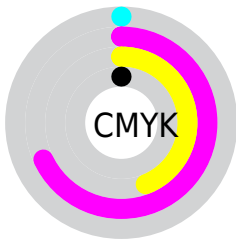
Blue (56%)



Red (100%)

Yellow (32%)

Blue (56%)

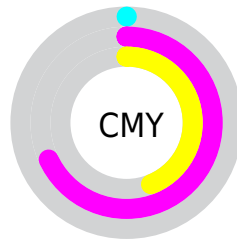


Cyan (0%)

Magenta (68%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2913, 29.3082, 29.4447 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 49.2913, 29.3082, 29.4447 by changing the saturation by 10% instead.


 49.2913, 29.3082,
29.4447


 49.2913, 29.3082,
29.4447


374.3859,
298.6664, 313.4338


 35.0661, 19.3141,
19.1690


 88.3221, 58.5664,
59.8335


 23.8806, 11.8975,
11.6144


 113.8583, 78.5993,
80.7836

 15.3693, 6.6739,
6.3624


 143.8957,
102.7472, 106.1291

 9.1670, 3.2590,
2.9943

 178.7995,
131.3946, 136.2883

 4.9082, 1.2684,
1.0917

218.9350,
164.9258, 171.6798

 2.2277, 0.1165,
0.0000

264.6677,

 0.7573, 0.0000,

203.7252, 212.7222

0.0000

316.3629,
248.1773, 259.8340

■ 0.0000, 0.0000,
0.0000

■ 49.2913, 29.3082,
29.4447

■ 49.2913, 29.3082,
29.4447

■ 46.5515, 25.6871,
22.8021

■ 52.9280, 34.4330,
37.2810

■ 44.6146, 23.3943,
17.2829

■ 57.5373, 41.2013,
46.3715

■ 43.3613, 22.2042,
12.8065

■ 63.1894, 49.7425,
56.7739

■ 43.1446, 22.0218,
11.9599

■ 69.9470, 60.1712,
68.5413

■ 77.8675, 72.5926,
81.7237

87.0044, 87.1040,
96.3684

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



46.5586, 29.3082, 60.6945



49.2913, 29.3082, 29.4447



45.3238, 29.3082, 11.6733

Triad

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



49.2913, 29.3082, 29.4447



19.3791, 29.3082, 5.5922



20.6071, 29.3082, 100.7204

Complementary

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



49.2913, 29.3082, 29.4447



48.8673, 77.1648, 62.7766

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.



15.5760, 29.3082, 67.6827



49.2913, 29.3082, 29.4447



14.9833, 29.3082, 14.0645

Square

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



49.2913, 29.3082, 29.4447



26.9813, 29.3082, 3.4458



13.7593, 29.3082, 34.5127



28.7506, 29.3082, 112.9120

Rectangle

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



49.2913, 29.3082, 29.4447



39.8293, 29.3082, 6.2822



13.7593, 29.3082, 34.5127



18.5614, 29.3082, 91.0387

Sweetspot

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



49.2921, 29.3098, 29.4452



76.0547, 69.7345, 78.7527



42.6977, 24.4067, 97.0680



15.7921, 14.1613, 16.0509



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.



49.2921, 29.3098, 29.4452



45.8573, 24.8276, 20.9394



47.8226, 31.9880, 11.6386



18.2783, 18.0946, 20.0826



22.6085, 11.5327, 6.5890



2.2512, 1.1429, 0.9044

Inverse Universe

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



49.2921, 29.3098, 29.4452



45.8573, 24.8276, 20.9394



50.3688, 66.6907, 104.8253



18.2783, 18.0946, 20.0826



22.6085, 11.5327, 6.5890



2.2512, 1.1429, 0.9044

Previews

White Background



This preview shows how the XYZ color 49.2913, 29.3082, 29.4447 looks on a white background.

Color Contrast Check

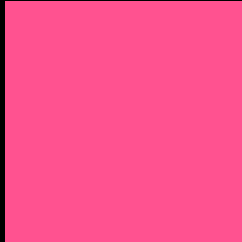
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2913, 29.3082, 29.4447 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 49.2913, 29.3082, 29.4447

Background



This preview shows how black text looks on a background with the XYZ color 49.2913, 29.3082, 29.4447.



This preview shows how white text looks on a background with the XYZ color 49.2913, 29.3082,

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

49.2913, 29.3082, 29.4447

Protanopia

29.3698, 29.4241, 48.3874

Deuteranopia

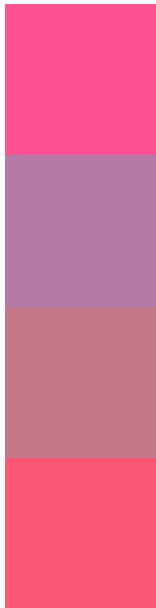
29.8428, 29.2306, 27.3617



Tritanopia

46.1766, 29.2316, 14.7638

Trichromacy



Original Color

49.2913, 29.3082, 29.4447

Protanomaly

33.2069, 26.8168, 40.4718

Deuteranomaly

34.6654, 27.3028, 27.8690

Tritanomaly

47.0922, 29.0999, 19.3545

Monochromacy



Original Color

49.2913, 29.3082, 29.4447

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

30.8904, 25.3310, 28.8525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2913, 29.3082, 29.4447 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, 82, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 144)  
}
```

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, 82, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 144) }
```

Border

The CSS property to change the border of an element to XYZ 49.2913, 29.3082, 29.4447 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, 82, 144) }
```


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

```
.border{ border-color:rgb(255, 82, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2913, 29.3082, 29.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 144) }
```

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

```
.background{ background-color: rgb(255, 82,  
144) }
```

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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