

Converting Colors

XYZ(49.1914, 29.2209, 29.0643)

Have a look what the booklet for
XYZ(49.1914, 29.2209, 29.0643)
contains.

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Color

**XYZ(49.2152, 29.2778,
29.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	FF528F
RGB	255, 82, 143
RGB Percent	100%, 32%, 56%
CMY	0.0000, 0.6784, 0.4392
CMYK	0.00, 0.68, 0.44, 0.00
HSL	339°, 100%, 66%
HSV	339°, 68%, 100%
XYZ	49.2152, 29.2778, 29.0438
YIQ	140.6810, 83.5270, 55.6470

Conversions

Conversions Part 2

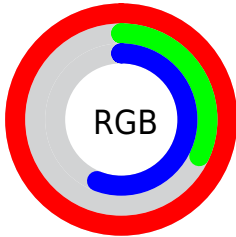
Format	Color
R _{YB}	255, 82, 143
Decimal	16732815
CIE _{Lab}	61.03, 69.50, 4.06
CIE _{LCh}	61, 69.614, 3.343
Yxy	29.2778, 0.4577, 0.2723
Android (android.graphics.Color)	4294922895 (0xFFFF528F)
YUV	140.6810, 1.1433, 100.2578
Hunter-Lab	54.1090, 67.6653, 6.0515

Details

The XYZ color **49.2152, 29.2778, 29.0438** 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 **48.9793, 77.2097, 63.3666**, and the grayscale version is **25.1671, 26.4777, 28.8343**.

A 20% lighter version of the original color is **60.8429, 44.3410, 58.1752**, and **23.9681, 12.1278, 11.4336** is the 20% darker color. If you saturate the color by 10%, you get **46.4766, 25.6572, 22.4078**, and if you desaturate by 10%, it is **52.8534, 34.4032, 36.8882**.

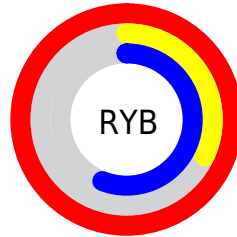
Distribution



Red (100%)

Green (32%)

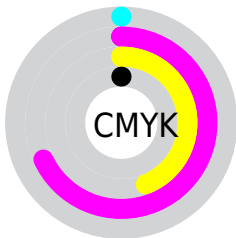
Blue (56%)



Red (100%)

Yellow (32%)

Blue (56%)

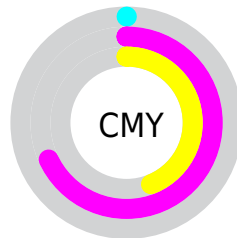


Cyan (0%)

Magenta (68%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2152, 29.2778, 29.0438 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 49.2152, 29.2778, 29.0438 by changing the saturation by 10% instead.


 49.2152, 29.2778,
29.0438


 49.2152, 29.2778,
29.0438

374.0918,
298.5234, 311.4890


 35.0055, 19.2911,
18.8681


 88.2098, 58.5182,
59.1897


 23.8336, 11.8808,
11.3992


 113.7253, 78.5406,
79.9969

 15.3343, 6.6626,
6.2185


 143.7402,
102.6770, 105.1851

 9.1422, 3.2520,
2.9074

 178.6198,
131.3119, 135.1728

 4.8919, 1.2647,
1.0476

218.7294,
164.8296, 170.3785

 2.2181, 0.1136,
0.0000

264.4343,

 0.7522, 0.0000,

203.6145, 211.2207

0.0000

316.1000,
248.0510, 258.1180

■ 0.0000, 0.0000,
0.0000

■ 49.2152, 29.2778,
29.0438

■ 49.2152, 29.2778,
29.0438

■ 46.4766, 25.6572,
22.4078

■ 52.8534, 34.4032,
36.8882

■ 44.5436, 23.3659,
16.9088

■ 57.4674, 41.1734,
46.0029

■ 43.2964, 22.1783,
12.4646

■ 63.1273, 49.7177,
56.4466

■ 43.0812, 21.9965,
11.6264

■ 69.8961, 60.1509,
68.2733

■ 77.8316, 72.5783,
81.5341

86.9872, 87.0973,
96.2771

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.



46.5860, 29.2778, 60.0740



49.2152, 29.2778, 29.0438



45.1617, 29.2778, 11.5006

Triad

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



49.2152, 29.2778, 29.0438



19.2727, 29.2778, 5.6614



20.6899, 29.2778, 100.9474

Complementary

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



49.2152, 29.2778, 29.0438



48.9793, 77.2097, 63.3666

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.



15.6165, 29.2778, 68.1345



49.2152, 29.2778, 29.0438



14.9323, 29.2778, 14.2620

Square

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



49.2152, 29.2778, 29.0438



26.8194, 29.2778, 3.4534



13.7556, 29.2778, 34.8920



28.8609, 29.2778, 112.6814

Rectangle

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



49.2152, 29.2778, 29.0438



39.6410, 29.2778, 6.2033



13.7556, 29.2778, 34.8920



18.6308, 29.2778, 91.3770

Sweetspot

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



49.2160, 29.2794, 29.0443



76.0151, 69.7186, 78.5443



42.6977, 24.4068, 97.0680



15.7827, 14.1575, 16.0014



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.



49.2160, 29.2794, 29.0443



45.7833, 24.7981, 20.5501



47.8227, 31.9880, 11.6387



18.2738, 18.0928, 20.0592



22.5748, 11.5192, 6.4113



2.2476, 1.1414, 0.8852

Inverse Universe

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



49.2160, 29.2794, 29.0443



45.7833, 24.7981, 20.5501



50.3688, 66.6907, 104.8253



18.2738, 18.0928, 20.0592



22.5748, 11.5192, 6.4113



2.2476, 1.1414, 0.8852

Previews

White Background



This preview shows how the XYZ color 49.2152, 29.2778, 29.0438 looks on a white background.

Color Contrast Check

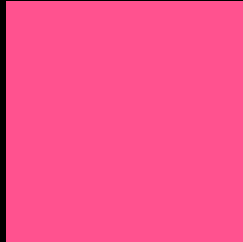
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2152, 29.2778, 29.0438 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 49.2152, 29.2778, 29.0438

Background



This preview shows how black text looks on a background with the XYZ color 49.2152, 29.2778, 29.0438.



This preview shows how white text looks on a background with the XYZ color 49.2152, 29.2778,

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

49.2152, 29.2778, 29.0438

Protanopia

29.4346, 29.4694, 47.8529

Deuteranopia

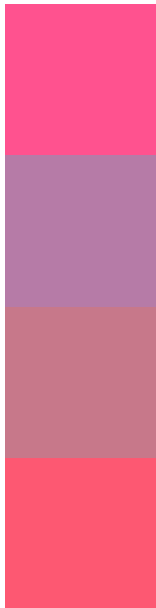
29.9825, 29.3108, 26.9990



Tritanopia

46.1766, 29.2316, 14.7638

Trichromacy



Original Color

49.2152, 29.2778, 29.0438

Protanomaly

33.3494, 26.9010, 39.9939

Deuteranomaly

34.8571, 27.4100, 27.4983

Tritanomaly

47.0350, 29.0770, 19.0530

Monochromacy



Original Color

49.2152, 29.2778, 29.0438

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 49.2152, 29.2778, 29.0438 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 143) }
```

Border

The CSS property to change the border of an element to XYZ 49.2152, 29.2778, 29.0438 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, 143) }
```


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

```
.border{ border-color:rgb(255, 82, 143) }
```

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, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2152, 29.2778, 29.0438 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, 143) }
```

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

```
.background{ background-color: rgb(255, 82,  
143) }
```

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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