

Converting Colors

XYZ(49.5591, 33.4317, 29.0402)

Have a look what the booklet for
XYZ(49.5591, 33.4317, 29.0402)
contains.

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Color

**XYZ(49.5591, 33.4317,
29.0402)**

Conversions

Conversions Part 1

Format	Color
Hex	F96F8D
RGB	249, 111, 141
RGB Percent	98%, 44%, 55%
CMY	0.0235, 0.5647, 0.4471
CMYK	0.00, 0.55, 0.43, 0.02
HSL	347°, 92%, 71%
HSV	347°, 55%, 98%
XYZ	49.5591, 33.4317, 29.0402
YIQ	155.6820, 72.6180, 38.5860

Conversions

Conversions Part 2

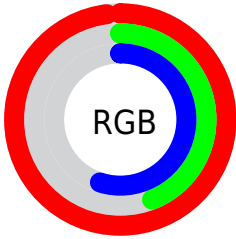
Format	Color
R _Y B	249, 111, 141
Decimal	16347021
CIE Lab	64.51, 55.42, 10.07
CIE LCh	65, 56.324, 10.299
Yxy	33.4317, 0.4424, 0.2984
Android (android.graphics.Color)	4294537101 (0xFFFF96F8D)
YUV	155.6820, -7.2382, 81.8399
Hunter-Lab	57.8202, 51.8116, 10.6957

Details

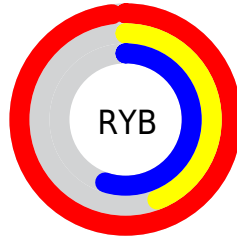
The XYZ color **49.5591, 33.4317, 29.0402** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.2193, 76.2462, 78.9348**, and the grayscale version is **31.4680, 33.1068, 36.0533**.

A 20% lighter version of the original color is **64.7963, 52.7925, 57.8138**, and **23.9936, 14.1791, 11.3698** is the 20% darker color. If you saturate the color by 10%, you get **45.8860, 28.2057, 21.2802**, and if you desaturate by 10%, it is **54.2461, 40.2773, 38.3975**.

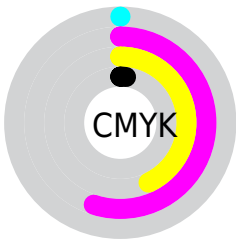
Distribution



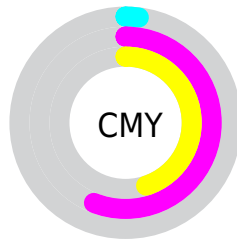
- Red (98%)
- Green (44%)
- Blue (55%)



- Red (98%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (55%)
- Yellow (43%)
- Black (2%)





- Cyan (2%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5591, 33.4317, 29.0402 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 49.5591, 33.4317, 29.0402 by changing the saturation by 10% instead.


 49.5591, 33.4317,
29.0402


 49.5591, 33.4317,
29.0402

375.4198,
317.5905, 311.4715


 35.2796, 22.4574,
18.8654


 88.7170, 65.0489,
59.1839

 24.0458, 14.1933,
11.3972


 114.3261, 86.4606,
79.9899

 15.4925, 8.2553,
6.2172


 144.4424,
112.1202, 105.1766

 9.2543, 4.2587,
2.9067

179.4313,
142.4121, 135.1628

 4.9659, 1.8193,
1.0472

219.6581,
177.7207, 170.3668

 2.2618, 0.4992,
0.0000

265.4882,

 0.7750, 0.0000,

218.4303, 211.2072

0.0000

317.2870,
264.9255, 258.1026

■ 0.0000, 0.0000,
0.0000

■ 49.5591, 33.4317,
29.0402

■ 49.5591, 33.4317,
29.0402

■ 45.8860, 28.2057,
21.2802

■ 54.2461, 40.2773,
38.3975

■ 43.1463, 24.4593,
15.0239

■ 60.0141, 48.8567,
49.4347

■ 41.2506, 22.0376,
10.1697

■ 66.9272, 59.2798,
62.2308

■ 40.0899, 20.7480,
6.6016

■ 75.0438, 71.6457,
76.8588

■ 39.7356, 20.4072,
5.3496

■ 84.4183, 86.0467,
93.3880

92.8769, 98.8797,
108.7983

Harmonies

Analogous

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



48.6815, 33.4317, 53.4759



49.5591, 33.4317, 29.0402



45.0972, 33.4317, 14.6054

Triad

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



49.5591, 33.4317, 29.0402



22.7825, 33.4317, 11.9858



26.8401, 33.4317, 96.0847

Complementary

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



49.5591, 33.4317, 29.0402



53.2193, 76.2462, 78.9348

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.



21.3759, 33.4317, 73.2400



49.5591, 33.4317, 29.0402



19.3218, 33.4317, 23.4137

Square

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



49.5591, 33.4317, 29.0402



29.0892, 33.4317, 7.8931



18.8545, 33.4317, 44.9121



34.6230, 33.4317, 99.7201

Rectangle

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



49.5591, 33.4317, 29.0402



40.0750, 33.4317, 9.8839



18.8545, 33.4317, 44.9121



24.7097, 33.4317, 90.0507

Sweetspot

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



49.5600, 33.4335, 29.0408



77.7568, 73.3965, 78.5257



51.3406, 32.9315, 93.2729



16.2609, 15.1262, 16.1226



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.



49.5600, 33.4335, 29.0408



47.8906, 29.0114, 21.2564



52.4961, 42.4066, 20.4597



17.3990, 17.2870, 18.6909



21.3124, 10.9407, 3.0876



2.0114, 1.0283, 0.4835

Inverse Universe

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



49.5600, 33.4335, 29.0408



47.8906, 29.0114, 21.2564



47.2495, 57.4076, 98.2129



17.3990, 17.2870, 18.6909



21.3124, 10.9407, 3.0876



2.0114, 1.0283, 0.4835

Previews

White Background



This preview shows how the XYZ color 49.5591, 33.4317, 29.0402 looks on a white background.

Color Contrast Check

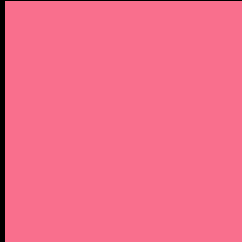
Large Text (above 18pt) WCAG AA × Fail

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 49.5591, 33.4317, 29.0402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

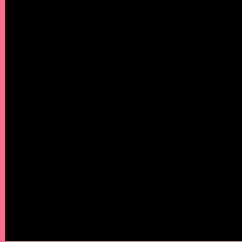
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5591, 33.4317, 29.0402

Background



This preview shows how black text looks on a background with the XYZ color 49.5591, 33.4317, 29.0402.



This preview shows how white text looks on a background with the XYZ color 49.5591, 33.4317,

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

49.5591, 33.4317, 29.0402

Protanopia

32.6760, 33.6982, 40.8586

Deuteranopia

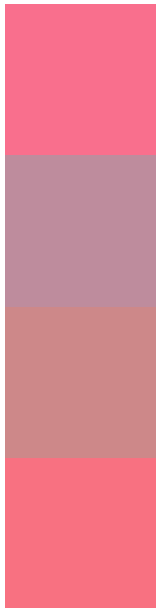
34.2622, 33.5858, 27.5986



Tritanopia

48.2416, 33.3962, 22.3159

Trichromacy



Original Color

49.5591, 33.4317, 29.0402

Protanomaly

36.6991, 32.1376, 36.1672

Deuteranomaly

38.4964, 32.3936, 27.8905

Tritanomaly

48.5790, 33.3517, 24.6460

Monochromacy



Original Color

49.5591, 33.4317, 29.0402

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.1992, 31.9377, 33.5348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5591, 33.4317, 29.0402 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(249, 111, 141)` looks like.

```
.text, #text, p{  
    color:rgb(249, 111, 141)  
}
```

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(249, 111, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 111, 141) }
```

Border

The CSS property to change the border of an element to XYZ 49.5591, 33.4317, 29.0402 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(249, 111, 141) }
```


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

```
.border{ border-color:rgb(249, 111, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 111, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 111, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 111, 141);  
box-shadow:4px 4px 4px 4px rgb(249, 111,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5591, 33.4317, 29.0402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 111, 141) }
```

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

```
.background{ background-color: rgb(249,  
111, 141) }
```

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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