

Converting Colors

XYZ(50.9931, 37.2339, 30.6215)

Have a look what the booklet for
XYZ(50.9931, 37.2339, 30.6215)
contains.

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Color

**XYZ(51.0349, 37.1957,
30.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	F7808F
RGB	247, 128, 143
RGB Percent	97%, 50%, 56%
CMY	0.0314, 0.4980, 0.4392
CMYK	0.00, 0.48, 0.42, 0.03
HSL	352°, 88%, 74%
HSV	352°, 48%, 97%
XYZ	51.0349, 37.1957, 30.4762
YIQ	165.2910, 66.1090, 29.8930

Conversions

Conversions Part 2

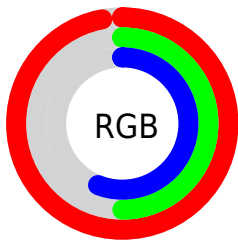
Format	Color
RYB	247, 128, 143
Decimal	16220303
CIELab	67.42, 46.81, 13.01
CIELCh	67, 48.582, 15.529
Yxy	37.1957, 0.4299, 0.3133
Android (android.graphics.Color)	4294410383 (0xFFFF7808F)
YUV	165.2910, -10.9895, 71.6588
Hunter-Lab	60.9883, 42.6390, 13.0642

Details

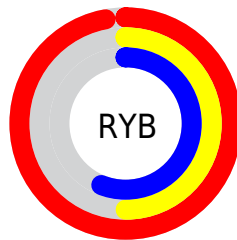
The XYZ color **51.0349, 37.1957, 30.4762** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.7304, 76.9378, 88.2093**, and the grayscale version is **35.9339, 37.8052, 41.1699**.

A 20% lighter version of the original color is **68.2515, 59.1582, 60.6447**, and **24.9854, 16.3873, 12.2021** is the 20% darker color. If you saturate the color by 10%, you get **46.7152, 30.9265, 21.7295**, and if you desaturate by 10%, it is **56.4553, 45.1626, 41.1430**.

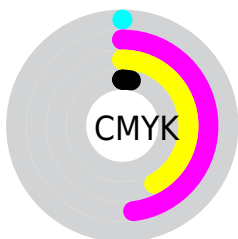
Distribution



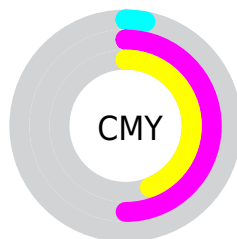
- Red (97%)
- Green (50%)
- Blue (56%)



- Red (97%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (42%)
- Black (3%)





- Cyan (3%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0349, 37.1957, 30.4762 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 51.0349, 37.1957, 30.4762 by changing the saturation by 10% instead.


 51.0349, 37.1957,
30.4762


 51.0349, 37.1957,
30.4762


381.0848,
334.1570, 318.3940

 36.4575, 25.3590,
19.9452


 90.8890, 70.8737,
61.4843

 24.9595, 16.3448,
12.1715


 116.8965, 93.4838,
82.7985

 16.1755, 9.7684,
6.7367


 147.4448,
120.4538, 108.5442

 9.7400, 5.2457,
3.2220


182.8991,
152.1682, 139.1400

 5.2879, 2.3921,
1.2091

223.6250,
189.0113, 175.0043

 2.4536, 0.8218,
0.0000

269.9876,

 0.8719, 0.0000,

231.3676, 216.5557

0.0000

322.3524,
279.6213, 264.2127

■ 0.0000, 0.0000,
0.0000

■ 51.0349, 37.1957,
30.4762

■ 51.0349, 37.1957,
30.4762

■ 46.7152, 30.9265,
21.7295

■ 56.4553, 45.1626,
41.1430

■ 43.4173, 26.2264,
14.7862

■ 63.0422, 54.9323,
53.8330

■ 41.0563, 22.9573,
9.5198

■ 70.8596, 66.6081,
68.6443

■ 39.5320, 20.9550,
5.7864

■ 79.9662, 80.2838,
85.6681

■ 38.7110, 19.9937,
3.4138

■ 90.4167, 96.0471,
104.9902

■ 38.6067, 19.8737,
3.1060

■ 92.1678, 98.5141,
108.7651

Harmonies

Analogous

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



51.1225, 37.1957, 51.6446



51.0349, 37.1957, 30.4762



46.3719, 37.1957, 17.7061

Triad

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



51.0349, 37.1957, 30.4762



26.0820, 37.1957, 18.0167



31.8922, 37.1957, 94.6488

Complementary

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



51.0349, 37.1957, 30.4762



56.7304, 76.9378, 88.2093

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.



26.2351, 37.1957, 77.4109



51.0349, 37.1957, 30.4762



23.2145, 37.1957, 31.0861

Square

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



51.0349, 37.1957, 30.4762



31.6541, 37.1957, 12.4315



23.2663, 37.1957, 52.5105



39.3303, 37.1957, 94.3037

Rectangle

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



51.0349, 37.1957, 30.4762



41.6274, 37.1957, 13.4540



23.2663, 37.1957, 52.5105



29.7437, 37.1957, 90.5115

Sweetspot

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



51.0359, 37.1976, 30.4769



80.0771, 77.4506, 81.1066



57.5070, 39.1669, 92.5247



16.6995, 15.9171, 16.5352



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.



51.0359, 37.1976, 30.4769



50.2570, 33.2958, 23.4273



56.9382, 50.7003, 27.2098



16.5841, 16.5165, 17.5564



20.4454, 10.5216, 1.7880



1.8234, 0.9353, 0.2966

Inverse Universe

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



51.0359, 37.1976, 30.4769



50.2570, 33.2958, 23.4273



47.1350, 54.1917, 95.9714



16.5841, 16.5165, 17.5564



20.4454, 10.5216, 1.7880



1.8234, 0.9353, 0.2966

Previews

White Background



This preview shows how the XYZ color 51.0349, 37.1957, 30.4762 looks on a white background.

Color Contrast Check

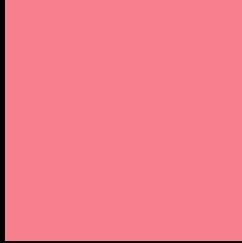
Large Text (above 18pt) WCAG AA × Fail

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 51.0349, 37.1957, 30.4762 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 51.0349, 37.1957, 30.4762

Background



This preview shows how black text looks on a background with the XYZ color 51.0349, 37.1957, 30.4762.



This preview shows how white text looks on a background with the XYZ color 51.0349, 37.1957,

30.4762.

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

51.0349, 37.1957, 30.4762

Protanopia

35.9455, 37.4844, 39.5231

Deuteranopia

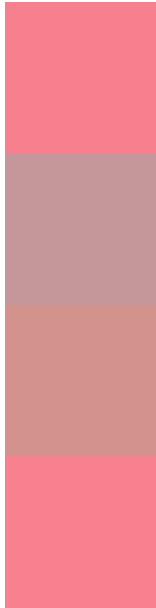
38.0495, 37.2358, 29.2266



Tritanopia

50.7955, 37.3096, 28.5690

Trichromacy



Original Color

51.0349, 37.1957, 30.4762

Protanomaly

40.0090, 36.3701, 35.9218

Deuteranomaly

42.0313, 36.6098, 29.6620

Tritanomaly

50.9417, 37.3681, 29.3388

Monochromacy



Original Color

51.0349, 37.1957, 30.4762

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.8197, 36.4929, 36.8434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0349, 37.1957, 30.4762 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(247, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(247, 128, 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(247, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 128, 143) }
```

Border

The CSS property to change the border of an element to XYZ 51.0349, 37.1957, 30.4762 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(247, 128, 143) }
```


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

```
.border{ border-color:rgb(247, 128, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 128, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(247, 128,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0349, 37.1957, 30.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 128, 143) }
```

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

```
.background{ background-color: rgb(247,  
128, 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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