

Converting Colors

XYZ(83.4015, 59.9646, 38.6930)

Have a look what the booklet for
XYZ(83.4015, 59.9646, 38.6930)
contains.

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Color

**XYZ(59.1292, 47.4372,
37.4923)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C9C
RGB	255, 156, 156
RGB Percent	100%, 61%, 61%
CMY	0.0000, 0.3882, 0.3882
CMYK	0.00, 0.39, 0.39, 0.00
HSL	0°, 100%, 81%
HSV	0°, 39%, 100%
XYZ	59.1292, 47.4372, 37.4923
YIQ	185.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

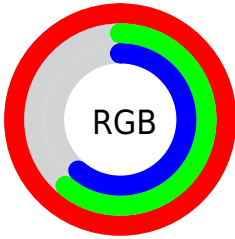
Format	Color
R _Y B	255, 156, 156
Decimal	16751772
CIE Lab	74.47, 36.88, 15.80
CIE LCh	74, 40.124, 23.188
Yxy	47.4372, 0.4105, 0.3293
Android (android.graphics.Color)	4294941852 (0xFFFF9C9C)
YUV	185.6010, -14.5933, 60.8629
Hunter-Lab	68.8747, 32.7123, 15.9374

Details

The XYZ color **59.1292, 47.4372, 37.4923** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5187, 85.8044, 107.6110**, and the grayscale version is **46.5060, 48.9279, 53.2825**.

A 20% lighter version of the original color is **76.4163, 73.0001, 71.0356**, and **30.1650, 22.4562, 16.1092** is the 20% darker color. If you saturate the color by 10%, you get **53.3534, 38.9860, 26.0089**, and if you desaturate by 10%, it is **66.2588, 57.8704, 51.6640**.

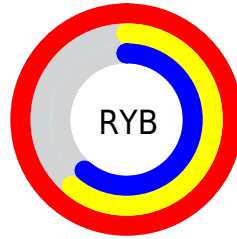
Distribution



Red (100%)

Green (61%)

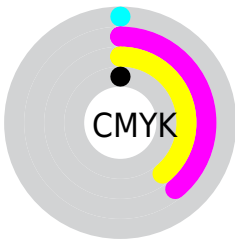
Blue (61%)



Red (100%)

Yellow (61%)

Blue (61%)

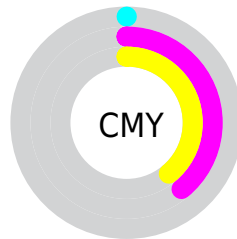


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1292, 47.4372, 37.4923 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 59.1292, 47.4372, 37.4923 by changing the saturation by 10% instead.


 59.1292, 47.4372,
37.4923

 59.1292, 47.4372,
37.4923


411.2669,
376.5570, 350.6697

 42.9639, 33.3814,
25.2901


 102.6790, 86.3659,
72.5241

 30.0512, 22.4188,
16.0724


 130.7942,
112.0075, 96.1907

 20.0257, 14.1649,
9.4205


163.6234,
142.2799, 124.5160

 12.5221, 8.2355,
4.9159

201.5319,
177.5675, 157.9183

 7.1750, 4.2460,
2.1401

244.8852,
218.2546, 196.8163

 3.6191, 1.8121,
0.6395

294.0485,

 1.4890, 0.4947,

264.7256, 241.6285

0.0000

349.3873,
317.3649, 292.7735

■ 0.3183, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1292, 47.4372,
37.4923

■ 59.1292, 47.4372,
37.4923

■ 53.3534, 38.9860,
26.0089

■ 66.2588, 57.8704,
51.6640

■ 48.8424, 32.3851,
17.0416

■ 74.8164, 70.3926,
68.6761

■ 45.5026, 27.4978,
10.4025

■ 84.8750, 85.1112,
88.6723

■ 43.2256, 24.1659,
5.8764

95.0500, 100.0000,
108.9000

■ 41.8832, 22.2014,
3.2081

■ 41.2892, 21.3320,
2.0275

■ 41.2401, 21.2603,
1.9301

Harmonies

Analogous

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



60.3671, 47.4372, 56.5244



59.1292, 47.4372, 37.4923



53.9517, 47.4372, 25.8602

Triad

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



59.1292, 47.4372, 37.4923



34.8377, 47.4372, 31.2599



43.4570, 47.4372, 102.1986

Complementary

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



59.1292, 47.4372, 37.4923



67.5187, 85.8044, 107.6110

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.



37.2519, 47.4372, 90.5860



59.1292, 47.4372, 37.4923



32.6320, 47.4372, 47.0662

Square

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



59.1292, 47.4372, 37.4923



39.8265, 47.4372, 22.9924



33.4661, 47.4372, 68.9891



50.7928, 47.4372, 97.6367

Rectangle

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



59.1292, 47.4372, 37.4923



49.2340, 47.4372, 22.1196



33.4661, 47.4372, 68.9891



41.1808, 47.4372, 99.9735

Sweetspot

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



59.1304, 47.4395, 37.4932



81.5126, 80.1911, 81.9880



71.1786, 52.2573, 100.9428



17.1609, 16.7454, 16.9798



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.



59.1304, 47.4395, 37.4932



54.3096, 40.3853, 27.9098



69.1921, 67.5628, 40.8471



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



67.5187, 85.8044, 107.6110



63.8236, 83.8989, 107.4380



53.7118, 58.1905, 103.0087



18.5549, 20.4813, 23.2253



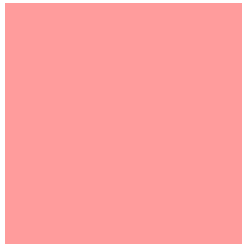
28.1145, 41.1385, 55.8933



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 59.1292, 47.4372, 37.4923 looks on a white background.

Color Contrast Check

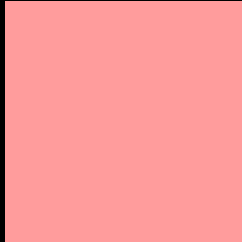
Large Text (above 18pt) WCAG AA × Fail

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 59.1292, 47.4372, 37.4923 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 59.1292, 47.4372, 37.4923

Background



This preview shows how black text looks on a background with the XYZ color 59.1292, 47.4372, 37.4923.



This preview shows how white text looks on a background with the XYZ color 59.1292, 47.4372,

37.4923.

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

59.1292, 47.4372, 37.4923

Protanopia

45.4244, 47.7164, 44.8463

Deuteranopia

48.5410, 47.7083, 36.3560



Tritanopia

59.8443, 47.4559, 42.0822

Trichromacy



Original Color

59.1292, 47.4372, 37.4923



Protanomaly

49.4667, 46.8999, 42.0427



Deuteranomaly

51.9326, 47.1698, 36.5045



Tritanomaly

59.4829, 47.3113, 40.1793

Monochromacy



Original Color

59.1292, 47.4372, 37.4923



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.9318, 47.6040, 47.1142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1292, 47.4372, 37.4923 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, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 156)  
}
```

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, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 59.1292, 47.4372, 37.4923 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, 156, 156) }
```


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

```
.border{ border-color:rgb(255, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1292, 47.4372, 37.4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 156) }
```

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

```
.background{ background-color: rgb(255,  
156, 156) }
```

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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