

Converting Colors

XYZ(74.5045, 54.9908, 38.4236)

Have a look what the booklet for
XYZ(74.5045, 54.9908, 38.4236)
contains.

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Color

**XYZ(59.0471, 47.1370,
37.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B9D
RGB	255, 155, 157
RGB Percent	100%, 61%, 62%
CMY	0.0000, 0.3921, 0.3843
CMYK	0.00, 0.39, 0.38, 0.00
HSL	359°, 100%, 80%
HSV	359°, 39%, 100%
XYZ	59.0471, 47.1370, 37.8845
YIQ	185.1280, 58.9580, 21.8220

Conversions

Conversions Part 2

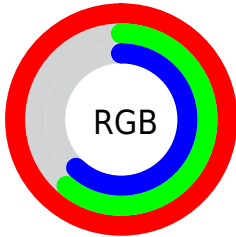
Format	Color
RYB	255, 155, 157
Decimal	16751517
CIELab	74.28, 37.51, 14.98
CIELCh	74, 40.390, 21.773
Yxy	47.1370, 0.4099, 0.3272
Android (android.graphics.Color)	4294941597 (0xFFFF9B9D)
YUV	185.1280, -13.8671, 61.2777
Hunter-Lab	68.6564, 33.3681, 15.3433

Details

The XYZ color **59.0471, 47.1370, 37.8845** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0094, 85.5813, 105.9203**, and the grayscale version is **46.2383, 48.6462, 52.9758**.

A 20% lighter version of the original color is **76.2921, 72.5517, 71.6109**, and **30.1178, 22.2791, 16.3486** is the 20% darker color. If you saturate the color by 10%, you get **53.3227, 38.7606, 26.5044**, and if you desaturate by 10%, it is **66.1064, 57.4846, 51.8634**.

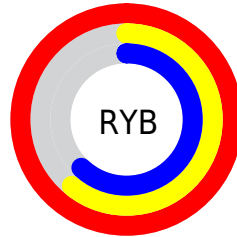
Distribution



Red (100%)

Green (61%)

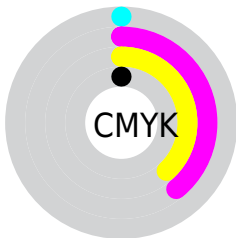
Blue (62%)



Red (100%)

Yellow (61%)

Blue (62%)

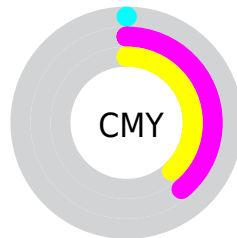


Cyan (0%)

Magenta (39%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0471, 47.1370, 37.8845 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 59.0471, 47.1370, 37.8845 by changing the saturation by 10% instead.


 59.0471, 47.1370,
37.8845

 59.0471, 47.1370,
37.8845


410.9677,
375.3611, 352.4076

 42.8976, 33.1440,
25.5919


 102.5604, 85.9181,
73.1325

 29.9989, 22.2368,
16.2956


 130.6548,
111.4749, 96.9251

 19.9858, 14.0310,
9.5769

163.4615,
141.6552, 125.3880

 12.4929, 8.1422,
5.0175

201.3459,
176.8432, 158.9399

 7.1549, 4.1861,
2.1986

244.6734,
217.4234, 197.9992

 3.6064, 1.7782,
0.6736

293.8093,

 1.4819, 0.4735,

263.7802, 242.9846

0.0000

349.1189,
316.2980, 294.3145

■ 0.3135, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0471, 47.1370,
37.8845

■ 59.0471, 47.1370,
37.8845

■ 53.3227, 38.7606,
26.5044

■ 66.1064, 57.4846,
51.8634

■ 48.8458, 32.2239,
17.5603

■ 74.5734, 69.9101,
68.5848

■ 45.5245, 27.3907,
10.8755

■ 84.5199, 84.5208,
88.1851

■ 43.2528, 24.1026,
6.2481

95.0499, 100.0000,
108.9000

■ 41.9049, 22.1718,
3.4406

■ 41.3004, 21.3190,
2.1407

■ 41.2678, 21.2711,
2.0767

Harmonies

Analogous

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



60.0768, 47.1370, 57.2565



59.0471, 47.1370, 37.8845



54.0013, 47.1370, 25.9005

Triad

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



59.0471, 47.1370, 37.8845



34.7122, 47.1370, 30.3583



42.8355, 47.1370, 101.8930

Complementary

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



59.0471, 47.1370, 37.8845



67.0094, 85.5813, 105.9203

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.



36.7122, 47.1370, 89.5443



59.0471, 47.1370, 37.8845



32.3647, 47.1370, 45.8165

Square

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



59.0471, 47.1370, 37.8845



39.8241, 47.1370, 22.4429



33.0552, 47.1370, 67.6169



50.1790, 47.1370, 98.0884

Rectangle

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



59.0471, 47.1370, 37.8845



49.3092, 47.1370, 21.9593



33.0552, 47.1370, 67.6169



40.5788, 47.1370, 99.3964

Sweetspot

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



59.0483, 47.1393, 37.8854



81.5953, 80.2234, 82.4256



69.7968, 51.2983, 100.8304



17.1801, 16.7529, 17.0817



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.



59.0483, 47.1393, 37.8854



54.4791, 40.4515, 28.8071



68.2002, 65.7133, 40.1028



18.0241, 17.9929, 18.7440



21.5697, 11.1172, 1.1185



2.1051, 1.0844, 0.1349

Inverse Universe

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



59.0483, 47.1393, 37.8854



54.4791, 40.4515, 28.8071



54.2069, 59.4652, 103.2285



18.0241, 17.9929, 18.7440



21.5697, 11.1172, 1.1185



2.1051, 1.0844, 0.1349

Previews

White Background



This preview shows how the XYZ color 59.0471, 47.1370, 37.8845 looks on a white background.

Color Contrast Check

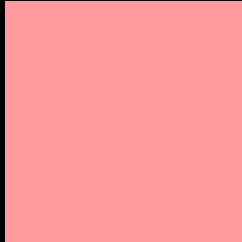
Large Text (above 18pt) WCAG AA × Fail

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 59.0471, 47.1370, 37.8845 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 59.0471, 47.1370, 37.8845

Background



This preview shows how black text looks on a background with the XYZ color 59.0471, 47.1370, 37.8845.



This preview shows how white text looks on a background with the XYZ color 59.0471, 47.1370,

37.8845.

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

59.0471, 47.1370, 37.8845

Protanopia

45.0649, 47.2150, 45.2663

Deuteranopia

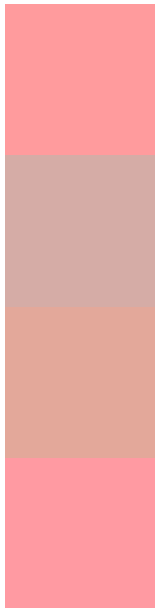
48.1391, 47.1995, 36.7102



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

59.0471, 47.1370, 37.8845

Protanomaly

49.0760, 46.4044, 42.4467

Deuteranomaly

51.5139, 46.6693, 36.8648

Tritanomaly

59.3172, 46.9798, 40.1241

Monochromacy



Original Color

59.0471, 47.1370, 37.8845

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.4523, 47.0689, 47.0362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0471, 47.1370, 37.8845 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, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 157)  
}
```

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, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 157) }
```

Border

The CSS property to change the border of an element to XYZ 59.0471, 47.1370, 37.8845 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, 155, 157) }
```


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

```
.border{ border-color:rgb(255, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0471, 47.1370, 37.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 157) }
```

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

```
.background{ background-color: rgb(255,  
155, 157) }
```

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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