

Converting Colors

XYZ(65.7324, 50.3932, 42.2579)

Have a look what the booklet for
XYZ(65.7324, 50.3932, 42.2579)
contains.

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Color

**XYZ(59.8443, 47.4559,
42.0822)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9BA6 |
| RGB | 255, 155, 166 |
| RGB Percent | 100%, 61%, 65% |
| CMY | 0.0000, 0.3921, 0.3490 |
| CMYK | 0.00, 0.39, 0.35, 0.00 |
| HSL | 353°, 100%, 80% |
| HSV | 353°, 39%, 100% |
| XYZ | 59.8443, 47.4559, 42.0822 |
| YIQ | 186.1540, 56.0690, 24.6210 |

Conversions

Conversions Part 2

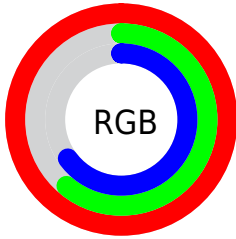
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 155, 166 |
| Decimal | 16751526 |
| CIE Lab | 74.48, 38.54, 10.32 |
| CIE LCh | 74, 39.902, 14.985 |
| Yxy | 47.4559, 0.4006, 0.3177 |
| Android (android.graphics.Color) | 4294941606 (0xFFFF9BA6) |
| YUV | 186.1540, -9.9359, 60.3779 |
| Hunter-Lab | 68.8882, 34.5113, 12.0029 |

Details

The XYZ color **59.8443, 47.4559, 42.0822** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6089, 85.0213, 98.5453**, and the grayscale version is **46.7916, 49.2284, 53.6097**.

A 20% lighter version of the original color is **77.5854, 73.0690, 78.4211**, and **30.5536, 22.4534, 18.6432** is the 20% darker color. If you saturate the color by 10%, you get **54.1383, 39.0868, 30.7990**, and if you desaturate by 10%, it is **66.8163, 57.7686, 55.6010**.

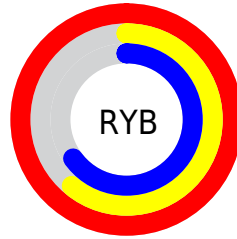
Distribution



Red (100%)

Green (61%)

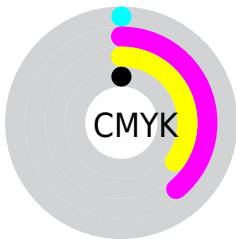
Blue (65%)



Red (100%)

Yellow (61%)

Blue (65%)

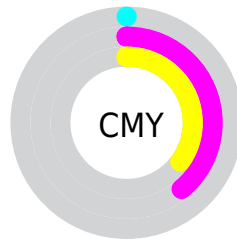


Cyan (0%)

Magenta (39%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8443, 47.4559, 42.0822 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 59.8443, 47.4559, 42.0822 by changing the saturation by 10% instead.


 59.8443, 47.4559,
42.0822


 59.8443, 47.4559,
42.0822


413.8676,
376.6314, 370.6333

 43.5421, 33.3962,
28.8396

 103.7114, 86.3937,
79.5955

 30.5071, 22.4301,
18.7150


 132.0070,
112.0407, 104.7032

 20.3738, 14.1733,
11.2898


165.0312,
142.3188, 134.6031

 12.7769, 8.2413,
6.1455

203.1493,
177.6126, 169.7136

 7.3510, 4.2497,
2.8635

246.7266,
218.3063, 210.4534

 3.7309, 1.8142,
1.0254

296.1285,

 1.5510, 0.4960,

264.7844, 257.2409

0.0000

351.7204,
317.4313, 310.4947

■ 0.3602, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8443, 47.4559,
42.0822

■ 59.8443, 47.4559,
42.0822

■ 54.1383, 39.0868,
30.7990

■ 66.8163, 57.7686,
55.6010

■ 49.6182, 32.5329,
21.6279

■ 75.1203, 70.1289,
71.4641

■ 46.2010, 27.6613,
14.4377

■ 84.8222, 84.6417,
89.7766

■ 43.7908, 24.3178,
9.0812

95.0500, 100.0000,
108.9000

■ 42.2753, 22.3200,
5.3906

■ 41.4939, 21.3964,
3.1595

■ 41.4500, 21.3440,
3.0361

Harmonies

Analogous

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



59.8421, 47.4559, 62.6388



59.8443, 47.4559, 42.0822



55.6231, 47.4559, 28.4048

Triad

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



59.8443, 47.4559, 42.0822



36.0092, 47.4559, 28.3953



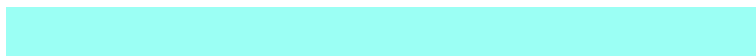
41.6130, 47.4559, 100.2072

Complementary

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



59.8443, 47.4559, 42.0822



65.6089, 85.0213, 98.5453

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.



36.0049, 47.4559, 85.0743



59.8443, 47.4559, 42.0822



33.0115, 47.4559, 42.0653

Square

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



59.8443, 47.4559, 42.0822



41.6195, 47.4559, 22.0544



33.0100, 47.4559, 62.6168



48.7808, 47.4559, 100.2153

Rectangle

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



59.8443, 47.4559, 42.0822



51.2164, 47.4559, 23.4258



33.0100, 47.4559, 62.6168



39.5009, 47.4559, 96.5734

Sweetspot

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



59.8455, 47.4582, 42.0831



81.9742, 80.3749, 84.4209



66.8501, 49.7792, 100.6927



17.2684, 16.7882, 17.5467



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.



59.8455, 47.4582, 42.0831



55.2962, 40.7783, 33.1097



66.3017, 61.9162, 39.4699



18.0905, 18.0195, 19.0940



21.6844, 11.1631, 1.7226



2.1365, 1.0970, 0.3004

Inverse Universe

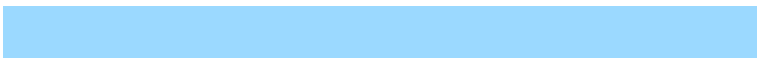
The Inverse Universe completely reimagines the original color for something new.



59.8455, 47.4582, 42.0831



55.2962, 40.7783, 33.1097



56.2966, 63.6447, 103.9252



18.0905, 18.0195, 19.0940



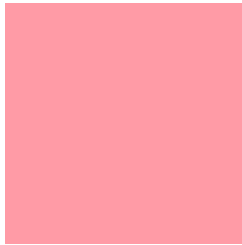
21.6844, 11.1631, 1.7226



2.1365, 1.0970, 0.3004

Previews

White Background



This preview shows how the XYZ color 59.8443, 47.4559, 42.0822 looks on a white background.

Color Contrast Check

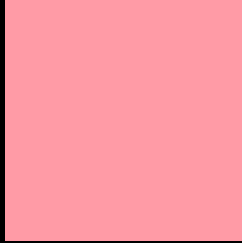
Large Text (above 18pt) WCAG AA × Fail

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 59.8443, 47.4559, 42.0822 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 59.8443, 47.4559, 42.0822

Background



This preview shows how black text looks on a background with the XYZ color 59.8443, 47.4559, 42.0822.



This preview shows how white text looks on a background with the XYZ color 59.8443, 47.4559,

42.0822.

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

59.8443, 47.4559, 42.0822

Protanopia

45.7675, 47.7680, 50.5240

Deuteranopia

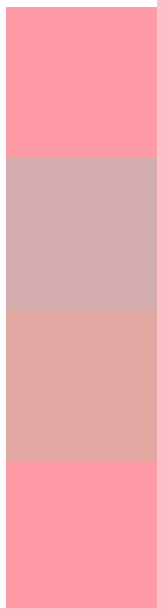
48.5382, 47.6082, 40.8135



Tritanopia

59.8443, 47.4559, 42.0822

Trichromacy



Original Color

59.8443, 47.4559, 42.0822

Protanomaly

49.9314, 47.0188, 47.5182

Deuteranomaly

52.1629, 47.1890, 41.0094

Tritanomaly

59.8443, 47.4559, 42.0822

Monochromacy



Original Color

59.8443, 47.4559, 42.0822

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

50.3306, 47.7635, 49.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8443, 47.4559, 42.0822 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.8443, 47.4559, 42.0822 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, 166) }
```


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

```
.border{ border-color:rgb(255, 155, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8443, 47.4559, 42.0822 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
155, 166) }
```

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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