

Converting Colors

XYZ(59.9012, 49.5140, 45.0436)

Have a look what the booklet for
XYZ(59.9012, 49.5140, 45.0436)
contains.

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Color

**XYZ(59.8722, 49.4587,
44.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA3AB
RGB	250, 163, 171
RGB Percent	98%, 64%, 67%
CMY	0.0196, 0.3608, 0.3294
CMYK	0.00, 0.35, 0.32, 0.02
HSL	354°, 90%, 81%
HSV	354°, 35%, 98%
XYZ	59.8722, 49.4587, 44.9189
YIQ	189.9250, 49.2840, 20.9320

Conversions

Conversions Part 2

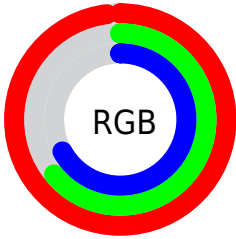
Format	Color
R _Y B	250, 163, 171
Decimal	16425899
CIE Lab	75.74, 33.20, 9.28
CIE LCh	76, 34.473, 15.616
Yxy	49.4587, 0.3882, 0.3206
Android (android.graphics.Color)	4294615979 (0xFFFAA3AB)
YUV	189.9250, -9.3300, 52.6858
Hunter-Lab	70.3269, 28.8924, 11.3593

Details

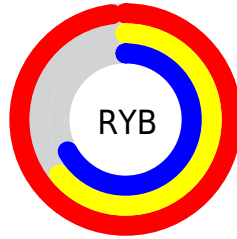
The XYZ color **59.8722, 49.4587, 44.9189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3191, 82.5696, 96.5037**, and the grayscale version is **48.9338, 51.4821, 56.0640**.

A 20% lighter version of the original color is **80.2990, 77.4140, 82.6617**, and **30.3916, 23.5601, 20.3985** is the 20% darker color. If you saturate the color by 10%, you get **53.8828, 40.6505, 33.1474**, and if you desaturate by 10%, it is **67.1134, 60.1750, 58.9423**.

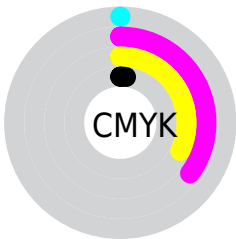
Distribution



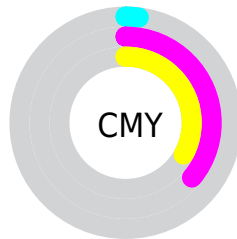
- Red (98%)
- Green (64%)
- Blue (67%)



- Red (98%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8722, 49.4587, 44.9189 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 59.8722, 49.4587, 44.9189 by changing the saturation by 10% instead.


 59.8722, 49.4587,
44.9189


 59.8722, 49.4587,
44.9189


413.9688,
384.5453, 382.5955

 43.5647, 34.9835,
31.0511


 103.7517, 89.3723,
83.9159

 30.5249, 23.6502,
20.3789


 132.0543,
115.5796, 109.8821

 20.3874, 15.0743,
12.4840


165.0861,
146.4662, 140.7181

 12.7868, 8.8716,
6.9477

203.2123,
182.4168, 176.8426

 7.3579, 4.6575,
3.3514

246.7983,
223.8156, 218.6741

 3.7352, 2.0477,
1.2768

296.2095,

 1.5535, 0.6350,

271.0470, 266.6310

0.0426

351.8112,
324.4954, 321.1320

■ 0.3618, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8722, 49.4587,
44.9189

■ 59.8722, 49.4587,
44.9189

■ 53.8828, 40.6505,
33.1474

■ 67.1134, 60.1750,
58.9423

■ 49.0701, 33.6317,
23.5075

■ 75.6676, 72.8948,
75.3235

■ 45.3575, 28.2817,
15.8722

■ 85.5969, 87.7154,
94.1650

■ 42.6573, 24.4618,
10.0997

■ 93.2344, 99.0640,
108.8150

■ 40.8684, 22.0110,
6.0296

■ 39.8686, 20.7321,
3.4738

■ 39.5788, 20.3858,
2.6581

Harmonies

Analogous

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



59.9526, 49.4587, 63.0818



59.8722, 49.4587, 44.9189



56.1440, 49.4587, 32.4037

Triad

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



59.8722, 49.4587, 44.9189



38.7583, 49.4587, 32.7866



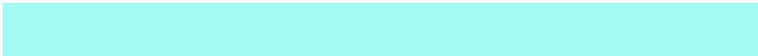
44.0203, 49.4587, 95.6678

Complementary

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



59.8722, 49.4587, 44.9189



65.3191, 82.5696, 96.5037

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.



38.9229, 49.4587, 83.1400



59.8722, 49.4587, 44.9189



36.0769, 49.4587, 45.5697

Square

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



59.8722, 49.4587, 44.9189



43.7765, 49.4587, 26.5604



36.1343, 49.4587, 63.8975



50.3969, 49.4587, 95.3808

Rectangle

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



59.8722, 49.4587, 44.9189



52.2699, 49.4587, 27.7265



36.1343, 49.4587, 63.8975



42.1135, 49.4587, 92.7106

Sweetspot

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



59.8735, 49.4611, 44.9199



83.9411, 83.3930, 87.8996



66.7321, 51.8526, 96.9339



17.6582, 17.3890, 18.2280



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.



59.8735, 49.4611, 44.9199



57.9636, 44.8682, 37.8369



66.1851, 63.2672, 43.3769



17.3094, 17.2511, 18.2189



21.0158, 10.8220, 1.5256



1.9676, 1.0108, 0.2529

Inverse Universe

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



59.8735, 49.4611, 44.9199



57.9636, 44.8682, 37.8369



56.7130, 63.3935, 99.6896



17.3094, 17.2511, 18.2189



21.0158, 10.8220, 1.5256



1.9676, 1.0108, 0.2529

Previews

White Background



This preview shows how the XYZ color 59.8722, 49.4587, 44.9189 looks on a white background.

Color Contrast Check

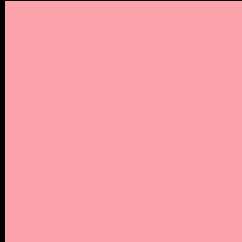
Large Text (above 18pt) WCAG AA × Fail

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 59.8722, 49.4587, 44.9189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

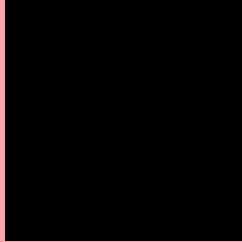
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8722, 49.4587, 44.9189

Background



This preview shows how black text looks on a background with the XYZ color 59.8722, 49.4587, 44.9189.



This preview shows how white text looks on a background with the XYZ color 59.8722, 49.4587,

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

59.8722, 49.4587, 44.9189

Protanopia

47.6965, 49.6549, 52.4179

Deuteranopia

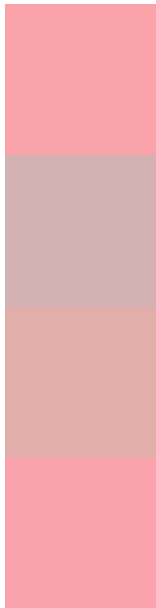
50.5405, 49.4667, 43.9300



Tritanopia

60.0825, 49.2598, 46.8988

Trichromacy



Original Color

59.8722, 49.4587, 44.9189

Protanomaly

51.2085, 49.0925, 49.4247

Deuteranomaly

53.6615, 49.3054, 44.2247

Tritanomaly

59.9847, 49.2206, 46.3834

Monochromacy



Original Color

59.8722, 49.4587, 44.9189

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.0199, 50.0585, 51.7203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8722, 49.4587, 44.9189 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(250, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(250, 163, 171)  
}
```

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(250, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 163, 171) }
```

Border

The CSS property to change the border of an element to XYZ 59.8722, 49.4587, 44.9189 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(250, 163, 171) }
```


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

```
.border{ border-color:rgb(250, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(250, 163,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8722, 49.4587, 44.9189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 163, 171) }
```

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

```
.background{ background-color: rgb(250,  
163, 171) }
```

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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