

Converting Colors

XYZ(59.8082, 46.9133, 43.5205)

Have a look what the booklet for
XYZ(59.8082, 46.9133, 43.5205)
contains.

| | |
|--|----|
| XYZ(59.7927, 46.9070, 43.4387) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(59.7927, 46.9070,
43.4387)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF99A9 |
| RGB | 255, 153, 169 |
| RGB Percent | 100%, 60%, 66% |
| CMY | 0.0000, 0.4000, 0.3373 |
| CMYK | 0.00, 0.40, 0.34, 0.00 |
| HSL | 351°, 100%, 80% |
| HSV | 351°, 40%, 100% |
| XYZ | 59.7927, 46.9070, 43.4387 |
| YIQ | 185.3220, 55.6560, 26.6000 |

Conversions

Conversions Part 2

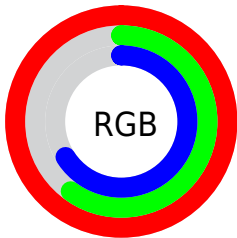
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 153, 169 |
| Decimal | 16751017 |
| CIE Lab | 74.13, 39.93, 8.16 |
| CIE LCh | 74, 40.757, 11.556 |
| Yxy | 46.9070, 0.3983, 0.3124 |
| Android (android.graphics.Color) | 4294941097 (0xFFFF99A9) |
| YUV | 185.3220, -8.0467, 61.1076 |
| Hunter-Lab | 68.4887, 35.9807, 10.3376 |

Details

The XYZ color **59.7927, 46.9070, 43.4387** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4789, 84.5253, 94.5822**, and the grayscale version is **46.3162, 48.7282, 53.0651**.

A 20% lighter version of the original color is **77.4950, 72.2427, 80.3808**, and **30.5330, 22.1345, 19.4927** is the 20% darker color. If you saturate the color by 10%, you get **54.2008, 38.6923, 32.4216**, and if you desaturate by 10%, it is **66.6107, 57.0425, 56.5031**.

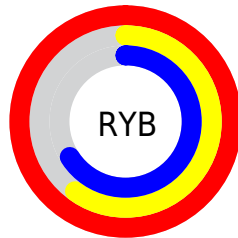
Distribution



Red (100%)

Green (60%)

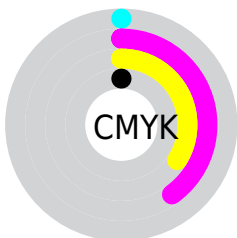
Blue (66%)



Red (100%)

Yellow (60%)

Blue (66%)

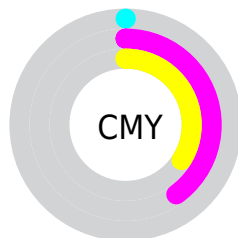


Cyan (0%)

Magenta (40%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7927, 46.9070, 43.4387 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 59.7927, 46.9070, 43.4387 by changing the saturation by 10% instead.


 59.7927, 46.9070,
43.4387


 59.7927, 46.9070,
43.4387


413.6802,
374.4432, 376.3869

 43.5004, 32.9621,
29.8955

 103.6370, 85.5748,
81.6659

 30.4741, 22.0974,
19.5079


 131.9196,
111.0665, 107.1870

 20.3486, 13.9285,
11.8573

164.9297,
141.1760, 137.5379

 12.7584, 8.0710,
6.5253

203.0327,
176.2876, 173.1370

 7.3383, 4.1404,
3.0931

246.5939,
216.7857, 214.4029

 3.7227, 1.7524,
1.1424

295.9787,

 1.5465, 0.4572,

263.0547, 261.7542

0.0000

351.5523,
315.4791, 315.6093

■ 0.3572, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7927, 46.9070,
43.4387

■ 59.7927, 46.9070,
43.4387

■ 54.2008, 38.6923,
32.4216

■ 66.6107, 57.0425,
56.5031

■ 49.7579, 32.2704,
23.3446

■ 74.7185, 69.2025,
71.7089

■ 46.3835, 27.5086,
16.0947

■ 84.1799, 83.4915,
89.1479

■ 43.9853, 24.2527,
10.5459

95.0500, 100.0000,
108.9000

■ 42.4543, 22.3194,
6.5557

■ 41.6230, 21.4133,
3.9464

■ 41.6228, 21.4131,
3.9459

Harmonies

Analogous

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



59.2637, 46.9070, 64.8718



59.7927, 46.9070, 43.4387



55.9298, 46.9070, 28.7848

Triad

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



59.7927, 46.9070, 43.4387



35.9082, 46.9070, 26.5178



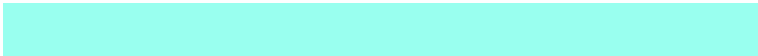
40.2901, 46.9070, 99.4680

Complementary

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



59.7927, 46.9070, 43.4387



64.4789, 84.5253, 94.5822

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.



34.8862, 46.9070, 82.6388



59.7927, 46.9070, 43.4387



32.5533, 46.9070, 39.3856

Square

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



59.7927, 46.9070, 43.4387



41.8313, 46.9070, 20.9523



32.2008, 46.9070, 59.5548



47.4542, 46.9070, 101.4294

Rectangle

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



59.7927, 46.9070, 43.4387



51.6066, 46.9070, 23.2608



32.2008, 46.9070, 59.5548



38.2287, 46.9070, 95.1847

Sweetspot

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



59.7939, 46.9093, 43.4396



82.1739, 80.4548, 85.4726



64.7026, 48.1820, 100.4976



17.3150, 16.8069, 17.7922



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.



59.7939, 46.9093, 43.4396



55.2236, 40.1860, 34.4638



64.7616, 59.1026, 38.1345



18.1255, 18.0335, 19.2780



21.7830, 11.2025, 2.2419



2.1529, 1.1035, 0.3866

Inverse Universe

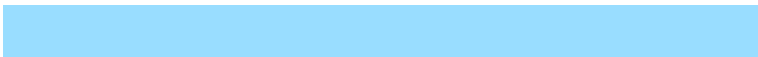
The Inverse Universe completely reimagines the original color for something new.



59.7939, 46.9093, 43.4396



55.2236, 40.1860, 34.4638



57.0452, 65.7070, 104.2839



18.1255, 18.0335, 19.2780



21.7830, 11.2025, 2.2419



2.1529, 1.1035, 0.3866

Previews

White Background



This preview shows how the XYZ color 59.7927, 46.9070, 43.4387 looks on a white background.

Color Contrast Check

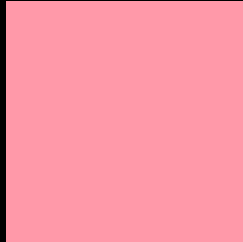
Large Text (above 18pt) WCAG AA × Fail

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 59.7927, 46.9070, 43.4387 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 59.7927, 46.9070, 43.4387

Background



This preview shows how black text looks on a background with the XYZ color 59.7927, 46.9070, 43.4387.



This preview shows how white text looks on a background with the XYZ color 59.7927, 46.9070,

43.4387.

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

59.7927, 46.9070, 43.4387

Protanopia

45.4925, 47.2730, 52.6258

Deuteranopia

48.0490, 47.0327, 42.1431



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

59.7927, 46.9070, 43.4387



Protanomaly

49.2779, 46.0821, 48.9453



Deuteranomaly

51.6260, 46.6057, 42.3512



Tritanomaly

59.6785, 47.1244, 42.0269

Monochromacy



Original Color

59.7927, 46.9070, 43.4387



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.6586, 46.8435, 49.0722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7927, 46.9070, 43.4387 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, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 169)  
}
```

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, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 169) }
```

Border

The CSS property to change the border of an element to XYZ 59.7927, 46.9070, 43.4387 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, 153, 169) }
```


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

```
.border{ border-color:rgb(255, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7927, 46.9070, 43.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 169) }
```

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

```
.background{ background-color: rgb(255,  
153, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor