

Converting Colors

XYZ(59.9153, 46.9573, 44.0805)

Have a look what the booklet for
XYZ(59.9153, 46.9573, 44.0805)
contains.

XYZ(59.8869, 46.9447, 43.9351)	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(59.8869, 46.9447,
43.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99AA
RGB	255, 153, 170
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.4000, 0.3333
CMYK	0.00, 0.40, 0.33, 0.00
HSL	350°, 100%, 80%
HSV	350°, 40%, 100%
XYZ	59.8869, 46.9447, 43.9351
YIQ	185.4360, 55.3350, 26.9110

Conversions

Conversions Part 2

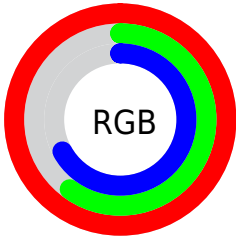
Format	Color
R_{YB}	255, 153, 170
Decimal	16751018
CIE _{Lab}	74.15, 40.05, 7.65
CIE _{LCh}	74, 40.775, 10.810
Yxy	46.9447, 0.3972, 0.3114
Android (android.graphics.Color)	4294941098 (0xFFFF99AA)
YUV	185.4360, -7.6099, 61.0076
Hunter-Lab	68.5162, 36.1154, 9.9424

Details

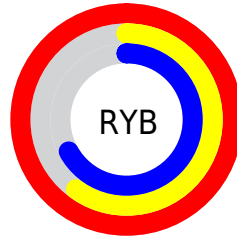
The XYZ color **59.8869, 46.9447, 43.9351** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3316, 84.4663, 93.8062**, and the grayscale version is **46.3776, 48.7928, 53.1354**.

A 20% lighter version of the original color is **77.6311, 72.2972, 81.0973**, and **30.5921, 22.1581, 19.8041** is the 20% darker color. If you saturate the color by 10%, you get **54.2999, 38.7319, 32.9433**, and if you desaturate by 10%, it is **66.6932, 57.0755, 56.9375**.

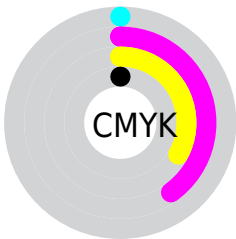
Distribution



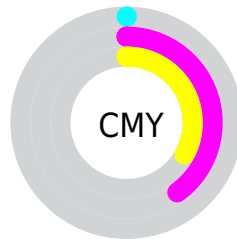
- Red (100%)
- Green (60%)
- Blue (67%)



- Red (100%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8869, 46.9447, 43.9351 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 59.8869, 46.9447, 43.9351 by changing the saturation by 10% instead.


 59.8869, 46.9447,
43.9351


 59.8869, 46.9447,
43.9351


414.0222,
374.5938, 378.4770

 43.5766, 32.9919,
30.2827


 103.7729, 85.6311,
82.4215

 30.5343, 22.1203,
19.7994


 132.0792,
111.1335, 108.0926

 20.3945, 13.9453,
12.0667


165.1150,
141.2545, 138.6069

 12.7921, 8.0826,
6.6660

203.2455,
176.3787, 174.3831

 7.3615, 4.1479,
3.1789

246.8361,
216.8903, 215.8397

 3.7376, 1.7566,
1.1867

296.2522,

 1.5548, 0.4599,

263.1737, 263.3951

0.0000

351.8591,
315.6134, 317.4681

■ 0.3626, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8869, 46.9447,
43.9351

■ 59.8869, 46.9447,
43.9351

■ 54.2999, 38.7319,
32.9433

■ 66.6932, 57.0755,
56.9375

■ 49.8554, 32.3094,
23.8583

■ 74.7817, 69.2278,
72.0417

■ 46.4739, 27.5448,
16.5706

■ 84.2158, 83.5059,
89.3367

■ 44.0637, 24.2841,
10.9585

95.0500, 100.0000,
108.9000

■ 42.5168, 22.3444,
6.8846

■ 41.6669, 21.4309,
4.1777

■ 41.6667, 21.4307,
4.1771

Harmonies

Analogous

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



59.2429, 46.9447, 65.5098



59.8869, 46.9447, 43.9351



56.1171, 46.9447, 29.0744

Triad

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



59.8869, 46.9447, 43.9351



36.0549, 46.9447, 26.3136



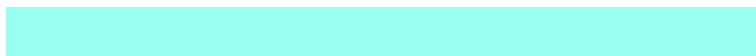
40.1602, 46.9447, 99.2954

Complementary

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



59.8869, 46.9447, 43.9351



64.3316, 84.4663, 93.8062

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.



34.8105, 46.9447, 82.1698



59.8869, 46.9447, 43.9351



32.6253, 46.9447, 39.0000

Square

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



59.8869, 46.9447, 43.9351



42.0366, 46.9447, 20.9092



32.1961, 46.9447, 59.0369



47.3062, 46.9447, 101.6826

Rectangle

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



59.8869, 46.9447, 43.9351



51.8262, 46.9447, 23.4254



32.1961, 46.9447, 59.0369



38.1140, 46.9447, 94.8890

Sweetspot

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



59.8881, 46.9470, 43.9360



82.2159, 80.4716, 85.6936



64.7026, 48.1820, 100.4976



17.3248, 16.8108, 17.8438



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.



59.8881, 46.9470, 43.9360



55.3222, 40.2255, 34.9832



64.7616, 59.1027, 38.1346



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3718



2.1564, 1.1049, 0.4049

Inverse Universe

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



59.8881, 46.9470, 43.9360



55.3222, 40.2255, 34.9832



57.0452, 65.7070, 104.2839



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3718



2.1564, 1.1049, 0.4049

Previews

White Background



This preview shows how the XYZ color 59.8869, 46.9447, 43.9351 looks on a white background.

Color Contrast Check

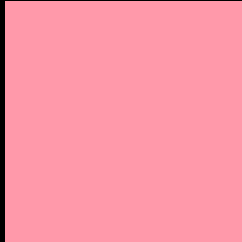
Large Text (above 18pt) WCAG AA × Fail

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 59.8869, 46.9447, 43.9351 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 59.8869, 46.9447, 43.9351

Background



This preview shows how black text looks on a background with the XYZ color 59.8869, 46.9447, 43.9351.



This preview shows how white text looks on a background with the XYZ color 59.8869, 46.9447,

43.9351.

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

59.8869, 46.9447, 43.9351

Protanopia

45.5985, 47.3154, 53.1839

Deuteranopia

48.1404, 47.0692, 42.6244



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

59.8869, 46.9447, 43.9351



Protanomaly

49.3795, 46.1227, 49.4800



Deuteranomaly

51.7182, 46.6426, 42.8363



Tritanomaly

59.7707, 47.1612, 42.5120

Monochromacy



Original Color

59.8869, 46.9447, 43.9351



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.7601, 46.8841, 49.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8869, 46.9447, 43.9351 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 170) }
```

Border

The CSS property to change the border of an element to XYZ 59.8869, 46.9447, 43.9351 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, 170) }
```


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

```
.border{ border-color:rgb(255, 153, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8869, 46.9447, 43.9351 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
153, 170) }
```

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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