

Converting Colors

XYZ(59.9578, 46.9908, 44.2548)

Have a look what the booklet for
XYZ(59.9578, 46.9908, 44.2548)
contains.

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Color

**XYZ(59.9819, 46.9827,
44.4353)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99AB
RGB	255, 153, 171
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.4000, 0.3294
CMYK	0.00, 0.40, 0.33, 0.00
HSL	349°, 100%, 80%
HSV	349°, 40%, 100%
XYZ	59.9819, 46.9827, 44.4353
YIQ	185.5500, 55.0140, 27.2220

Conversions

Conversions Part 2

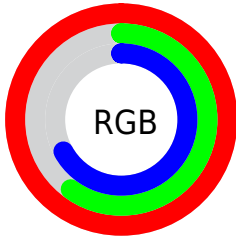
Format	Color
R_{YB}	255, 153, 171
Decimal	16751019
CIE _{Lab}	74.18, 40.17, 7.13
CIE _{LCh}	74, 40.802, 10.065
Yxy	46.9827, 0.3962, 0.3103
Android (android.graphics.Color)	4294941099 (0xFFFF99AB)
YUV	185.5500, -7.1731, 60.9077
Hunter-Lab	68.5439, 36.2512, 9.5445

Details

The XYZ color **59.9819, 46.9827, 44.4353** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1850, 84.4077, 93.0344**, and the grayscale version is **46.4390, 48.8574, 53.2057**.

A 20% lighter version of the original color is **77.7679, 72.3519, 81.8180**, and **30.6519, 22.1820, 20.1188** is the 20% darker color. If you saturate the color by 10%, you get **54.4000, 38.7720, 33.4707**, and if you desaturate by 10%, it is **66.7761, 57.1087, 57.3741**.

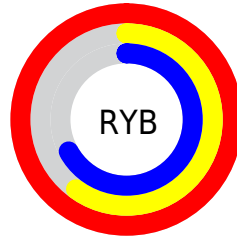
Distribution



Red (100%)

Green (60%)

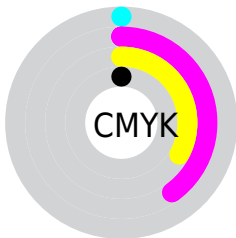
Blue (67%)



Red (100%)

Yellow (60%)

Blue (67%)

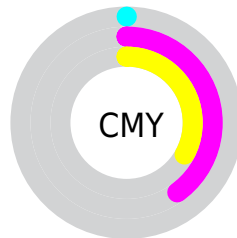


Cyan (0%)

Magenta (40%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9819, 46.9827, 44.4353 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 59.9819, 46.9827, 44.4353 by changing the saturation by 10% instead.

 59.9819, 46.9827,
44.4353


 59.9819, 46.9827,
44.4353


414.3669,
374.7455, 380.5749

 43.6535, 33.0220,
30.6732


 103.9099, 85.6878,
83.1818

 30.5949, 22.1433,
20.0937


 132.2402,
111.2010, 109.0033

 20.4409, 13.9622,
12.2784


165.3018,
141.3337, 139.6816

 12.8260, 8.0944,
6.8088

203.4600,
176.4705, 175.6353

 7.3850, 4.1554,
3.2662

247.0803,
216.9957, 217.2829

 3.7525, 1.7609,
1.2321

296.5280,

 1.5631, 0.4626,

263.2936, 265.0431

0.0051

352.1684,
315.7488, 319.3342

■ 0.3682, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9819, 46.9827,
44.4353

■ 59.9819, 46.9827,
44.4353

■ 54.4000, 38.7720,
33.4707

■ 66.7761, 57.1087,
57.3741

■ 49.9544, 32.3490,
24.3796

■ 74.8451, 69.2532,
72.3755

■ 46.5662, 27.5816,
17.0562

■ 84.2516, 83.5202,
89.5257

■ 44.1443, 24.3163,
11.3830

95.0500, 100.0000,
108.9000

■ 42.5818, 22.3704,
7.2272

■ 41.7136, 21.4496,
4.4237

■ 41.7134, 21.4494,
4.4231

Harmonies

Analogous

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



59.2229, 46.9827, 66.1525



59.9819, 46.9827, 44.4353



56.3054, 46.9827, 29.3657

Triad

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



59.9819, 46.9827, 44.4353



36.2020, 46.9827, 26.1101



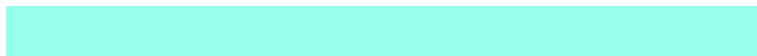
40.0307, 46.9827, 99.1249

Complementary

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



59.9819, 46.9827, 44.4353



64.1850, 84.4077, 93.0344

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.



34.7350, 46.9827, 81.7039



59.9819, 46.9827, 44.4353



32.6975, 46.9827, 38.6170

Square

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



59.9819, 46.9827, 44.4353



42.2427, 46.9827, 20.8659



32.1914, 46.9827, 58.5227



47.1587, 46.9827, 101.9382

Rectangle

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



59.9819, 46.9827, 44.4353



52.0469, 46.9827, 23.5905



32.1914, 46.9827, 58.5227



37.9995, 46.9827, 94.5957

Sweetspot

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



59.9831, 46.9850, 44.4362



82.2580, 80.4884, 85.9151



64.1345, 47.8891, 100.4710



17.3346, 16.8147, 17.8955



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.



59.9831, 46.9850, 44.4362



55.4218, 40.2653, 35.5079



64.4031, 58.3856, 38.0150



18.1402, 18.0394, 19.3553



21.8338, 11.2228, 2.5094



2.1600, 1.1064, 0.4239

Inverse Universe

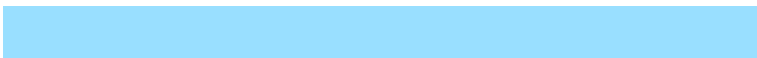
The Inverse Universe completely reimagines the original color for something new.



59.9831, 46.9850, 44.4362



55.4218, 40.2653, 35.5079



57.4963, 66.6093, 104.4342



18.1402, 18.0394, 19.3553



21.8338, 11.2228, 2.5094



2.1600, 1.1064, 0.4239

Previews

White Background



This preview shows how the XYZ color 59.9819, 46.9827, 44.4353 looks on a white background.

Color Contrast Check

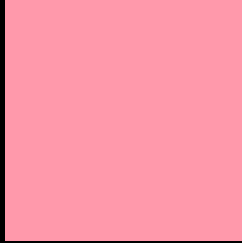
Large Text (above 18pt) WCAG AA × Fail

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 59.9819, 46.9827, 44.4353 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 59.9819, 46.9827, 44.4353

Background



This preview shows how black text looks on a background with the XYZ color 59.9819, 46.9827, 44.4353.



This preview shows how white text looks on a background with the XYZ color 59.9819, 46.9827,

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

59.9819, 46.9827, 44.4353

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

47.9540, 46.9625, 43.0964



Tritanopia

59.2202, 46.8986, 41.5284

Trichromacy



Original Color

59.9819, 46.9827, 44.4353



Protanomaly

49.4817, 46.1637, 50.0186



Deuteranomaly

51.8110, 46.6797, 43.3251



Tritanomaly

59.4037, 46.9721, 42.4948

Monochromacy



Original Color

59.9819, 46.9827, 44.4353



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.3405, 47.4572, 50.2230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9819, 46.9827, 44.4353 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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(255, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 59.9819, 46.9827, 44.4353 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, 171) }
```


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

```
.border{ border-color:rgb(255, 153, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9819, 46.9827, 44.4353 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, 171) }
```

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

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