

Converting Colors

XYZ(69.7451, 53.4473, 45.3285)

Have a look what the booklet for
XYZ(69.7451, 53.4473, 45.3285)
contains.

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Color

**XYZ(60.9888, 48.9965,
44.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FAB
RGB	255, 159, 171
RGB Percent	100%, 62%, 67%
CMY	0.0000, 0.3764, 0.3294
CMYK	0.00, 0.38, 0.33, 0.00
HSL	353°, 100%, 81%
HSV	353°, 38%, 100%
XYZ	60.9888, 48.9965, 44.7709
YIQ	189.0720, 53.3640, 24.0840

Conversions

Conversions Part 2

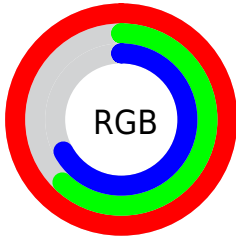
Format	Color
R_{YB}	255, 159, 171
Decimal	16752555
CIE _{Lab}	75.45, 37.08, 8.95
CIE _{LCh}	75, 38.148, 13.567
Yxy	48.9965, 0.3941, 0.3166
Android (android.graphics.Color)	4294942635 (0xFFFF9FAB)
YUV	189.0720, -8.9095, 57.8189
Hunter-Lab	69.9975, 33.0314, 11.0759

Details

The XYZ color **60.9888, 48.9965, 44.7709** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2379, 85.3630, 97.7839**, and the grayscale version is **48.4401, 50.9628, 55.4985**.

A 20% lighter version of the original color is **79.2679, 75.3519, 82.3180**, and **31.2488, 23.3757, 20.3177** is the 20% darker color. If you saturate the color by 10%, you get **55.0969, 40.3341, 33.1844**, and if you desaturate by 10%, it is **68.1467, 59.6162, 58.5518**.

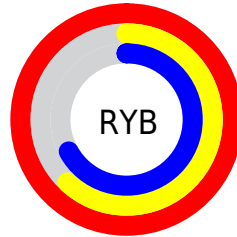
Distribution



Red (100%)

Green (62%)

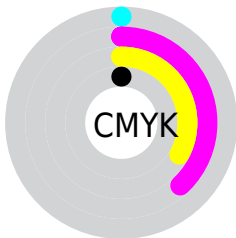
Blue (67%)



Red (100%)

Yellow (62%)

Blue (67%)

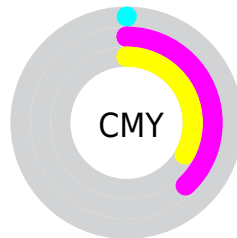


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9888, 48.9965, 44.7709 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 60.9888, 48.9965, 44.7709 by changing the saturation by 10% instead.


 60.9888, 48.9965,
44.7709


 60.9888, 48.9965,
44.7709


418.0095,
382.7285, 381.9779

 44.4686, 34.6167,
30.9354

 105.3609, 88.6863,
83.6913

 31.2386, 23.3678,
20.2916


 133.9436,
114.7650, 109.6133

 20.9333, 14.8653,
12.4210


167.2778,
145.5122, 140.4012

 13.1874, 8.7249,
6.9051

205.7289,
181.3122, 176.4735

 7.6356, 4.5622,
3.3253

249.6623,
222.5495, 218.2488

 3.9125, 1.9927,
1.2630

299.4433,

 1.6528, 0.6033,

269.6083, 266.1456

0.0312

355.4372,
322.8732, 320.5825

■ 0.4264, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9888, 48.9965,
44.7709

■ 60.9888, 48.9965,
44.7709

■ 55.0969, 40.3341,
33.1844

■ 68.1467, 59.6162,
58.5518

■ 50.3933, 33.5025,
23.6759

■ 76.6349, 72.2951,
74.6295

■ 46.7974, 28.3720,
16.1225

■ 86.5177, 87.1368,
93.1036

■ 44.2168, 24.7922,
10.3870

95.0500, 100.0000,
108.9000

■ 42.5440, 22.5869,
6.3141

■ 41.6410, 21.5247,
3.7200

■ 41.4988, 21.3635,
3.2931

Harmonies

Analogous

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



60.7795, 48.9965, 65.0704



60.9888, 48.9965, 44.7709



57.0697, 48.9965, 30.8637

Triad

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



60.9888, 48.9965, 44.7709



37.8587, 48.9965, 29.9225



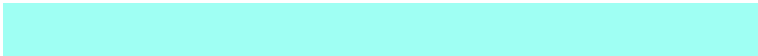
42.8484, 48.9965, 99.7764

Complementary

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



60.9888, 48.9965, 44.7709



66.2379, 85.3630, 97.7839

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.



37.4437, 48.9965, 84.7347



60.9888, 48.9965, 44.7709



34.7676, 48.9965, 43.1270

Square

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



60.9888, 48.9965, 44.7709



43.4694, 48.9965, 23.8655



34.6237, 48.9965, 62.9580



49.8140, 48.9965, 100.5392

Rectangle

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



60.9888, 48.9965, 44.7709



52.8516, 48.9965, 25.6439



34.6237, 48.9965, 62.9580



40.8064, 48.9965, 96.0789

Sweetspot

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



60.9901, 48.9989, 44.7719



83.0423, 81.9096, 86.6316



67.1362, 50.9314, 100.9000



17.4837, 17.0952, 17.9998



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.



60.9901, 48.9989, 44.7719



56.5365, 42.4421, 36.0417



66.8358, 62.4380, 41.3330



18.1017, 18.0240, 19.1528



21.7126, 11.1743, 1.8710



2.1418, 1.0991, 0.3280

Inverse Universe

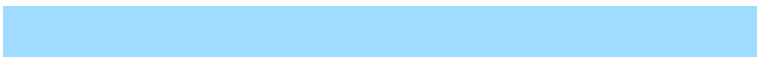
The Inverse Universe completely reimagines the original color for something new.



60.9901, 48.9989, 44.7719



56.5365, 42.4421, 36.0417



57.8908, 65.6743, 104.2330



18.1017, 18.0240, 19.1528



21.7126, 11.1743, 1.8710



2.1418, 1.0991, 0.3280

Previews

White Background



This preview shows how the XYZ color 60.9888, 48.9965, 44.7709 looks on a white background.

Color Contrast Check

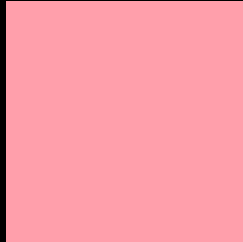
Large Text (above 18pt) WCAG AA × Fail

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 60.9888, 48.9965, 44.7709 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 60.9888, 48.9965, 44.7709

Background



This preview shows how black text looks on a background with the XYZ color 60.9888, 48.9965, 44.7709.



This preview shows how white text looks on a background with the XYZ color 60.9888, 48.9965,

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

60.9888, 48.9965, 44.7709

Protanopia

47.3411, 49.1479, 52.8903

Deuteranopia

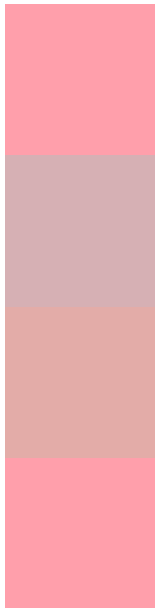
50.1603, 49.2814, 43.4277



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

60.9888, 48.9965, 44.7709

Protanomaly

51.4951, 48.6421, 49.8548

Deuteranomaly

53.4990, 48.6631, 43.6190

Tritanomaly

60.9888, 48.9965, 44.7709

Monochromacy



Original Color

60.9888, 48.9965, 44.7709

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.8045, 49.3643, 51.0538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9888, 48.9965, 44.7709 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, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 60.9888, 48.9965, 44.7709 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, 159, 171) }
```


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

```
.border{ border-color:rgb(255, 159, 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, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 171); box-shadow:4px 4px 4px 4px rgb(255, 159, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9888, 48.9965, 44.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 171) }
```

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

```
.background{ background-color: rgb(255,  
159, 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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