

Converting Colors

XYZ(66.9183, 51.4870, 43.8229)

Have a look what the booklet for
XYZ(66.9183, 51.4870, 43.8229)
contains.

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Color

**XYZ(60.4584, 48.2385,
43.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DA9
RGB	255, 157, 169
RGB Percent	100%, 62%, 66%
CMY	0.0000, 0.3843, 0.3373
CMYK	0.00, 0.38, 0.34, 0.00
HSL	353°, 100%, 81%
HSV	353°, 38%, 100%
XYZ	60.4584, 48.2385, 43.6606
YIQ	187.6700, 54.5560, 24.5080

Conversions

Conversions Part 2

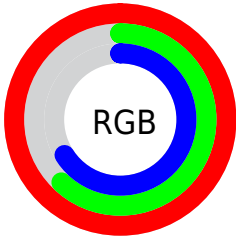
Format	Color
R _Y B	255, 157, 169
Decimal	16752041
CIE Lab	74.98, 37.87, 9.37
CIE LCh	75, 39.016, 13.898
Yxy	48.2385, 0.3968, 0.3166
Android (android.graphics.Color)	4294942121 (0xFFFF9DA9)
YUV	187.6700, -9.2043, 59.0484
Hunter-Lab	69.4539, 33.8366, 11.3465

Details

The XYZ color **60.4584, 48.2385, 43.6606** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.8444, 85.1602, 97.7656**, and the grayscale version is **47.6428, 50.1240, 54.5850**.

A 20% lighter version of the original color is **78.4888, 74.2303, 80.7121**, and **30.9262, 22.9207, 19.6238** is the 20% darker color. If you saturate the color by 10%, you get **54.6614, 39.7238, 32.2351**, and if you desaturate by 10%, it is **67.5178, 58.7022, 57.2818**.

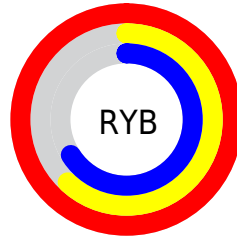
Distribution



Red (100%)

Green (62%)

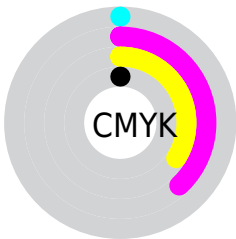
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

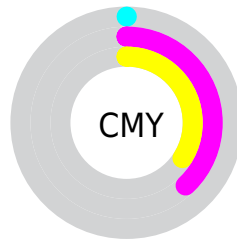


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4584, 48.2385, 43.6606 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 60.4584, 48.2385, 43.6606 by changing the saturation by 10% instead.


 60.4584, 48.2385,
43.6606

 60.4584, 48.2385,
43.6606

416.0931,
379.7367, 377.3222

 44.0391, 34.0158,
30.0685

 104.5969, 87.5594,
82.0038

 30.8993, 22.9057,
19.6381

 133.0468,
113.4264, 107.5920

 20.6736, 14.5239,
11.9508


166.2377,
143.9436, 138.0161

 12.9967, 8.4860,
6.5881

204.5348,
179.4954, 173.6944

 7.5033, 4.4074,
3.1313

248.3035,
220.4662, 215.0457

 3.8279, 1.9040,
1.1621

297.9093,

 1.6052, 0.5508,

267.2405, 262.4884

0.0000

353.7173,
320.2025, 316.4411

■ 0.3958, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4584, 48.2385,
43.6606

■ 60.4584, 48.2385,
43.6606

■ 54.6614, 39.7238,
32.2351

■ 67.5178, 58.7022,
57.2818

■ 50.0482, 33.0309,
22.8874

■ 75.9043, 71.2178,
73.2027

■ 46.5375, 28.0284,
15.4925

■ 85.6829, 85.8893,
91.5240

■ 44.0356, 24.5646,
9.9107

95.0500, 100.0000,
108.9000

■ 42.4331, 22.4603,
5.9837

■ 41.5828, 21.4667,
3.5209

■ 41.4901, 21.3601,
3.2472

Harmonies

Analogous

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



60.2947, 48.2385, 64.1611



60.4584, 48.2385, 43.6606



56.4345, 48.2385, 29.7649

Triad

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



60.4584, 48.2385, 43.6606



36.9997, 48.2385, 29.0409



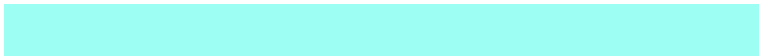
42.1574, 48.2385, 99.8960

Complementary

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



60.4584, 48.2385, 43.6606



65.8444, 85.1602, 97.7656

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.



36.6780, 48.2385, 84.6563



60.4584, 48.2385, 43.6606



33.9176, 48.2385, 42.3858

Square

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



60.4584, 48.2385, 43.6606



42.6400, 48.2385, 22.9242



33.8063, 48.2385, 62.5114



49.2156, 48.2385, 100.4961

Rectangle

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



60.4584, 48.2385, 43.6606



52.1378, 48.2385, 24.6034



33.8063, 48.2385, 62.5114



40.0878, 48.2385, 96.1675

Sweetspot

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



60.4597, 48.2408, 43.6615



82.0271, 80.3961, 84.6994



66.7035, 50.2018, 100.7820



17.2807, 16.7932, 17.6117



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.



60.4597, 48.2408, 43.6615



55.9577, 41.6199, 34.8146



66.3826, 61.8069, 40.3325



18.0998, 18.0232, 19.1428



21.7076, 11.1723, 1.8446



2.1409, 1.0987, 0.3233

Inverse Universe

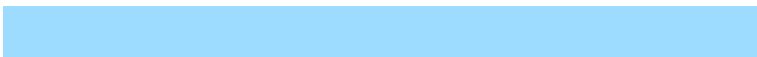
The Inverse Universe completely reimagines the original color for something new.



60.4597, 48.2408, 43.6615



55.9577, 41.6199, 34.8146



57.3055, 65.0879, 104.1506



18.0998, 18.0232, 19.1428



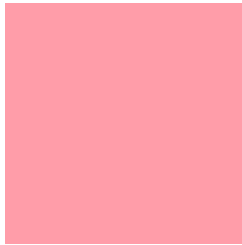
21.7076, 11.1723, 1.8446



2.1409, 1.0987, 0.3233

Previews

White Background



This preview shows how the XYZ color 60.4584, 48.2385, 43.6606 looks on a white background.

Color Contrast Check

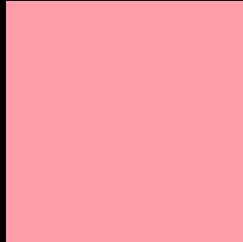
Large Text (above 18pt) WCAG AA × Fail

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 60.4584, 48.2385, 43.6606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

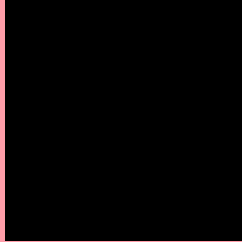
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4584, 48.2385, 43.6606

Background



This preview shows how black text looks on a background with the XYZ color 60.4584, 48.2385, 43.6606.



This preview shows how white text looks on a background with the XYZ color 60.4584, 48.2385,

43.6606.

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

60.4584, 48.2385, 43.6606

Protanopia

46.5313, 48.4330, 52.2435

Deuteranopia

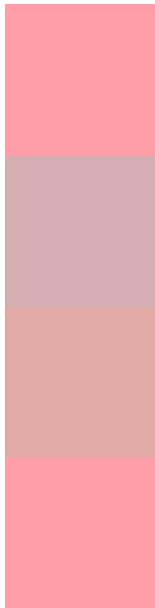
49.2903, 48.2590, 42.3144



Tritanopia

60.4584, 48.2385, 43.6606

Trichromacy



Original Color

60.4584, 48.2385, 43.6606

Protanomaly

50.4241, 47.5238, 49.1632

Deuteranomaly

52.6217, 47.6714, 42.5044

Tritanomaly

60.4584, 48.2385, 43.6606

Monochromacy



Original Color

60.4584, 48.2385, 43.6606

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

51.2140, 48.7775, 50.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4584, 48.2385, 43.6606 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, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 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, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 169) }
```

Border

The CSS property to change the border of an element to XYZ 60.4584, 48.2385, 43.6606 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, 157, 169) }
```


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

```
.border{ border-color:rgb(255, 157, 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, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4584, 48.2385, 43.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 169) }
```

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

```
.background{ background-color: rgb(255,  
157, 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](#).

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