

Converting Colors

XYZ(60.8368, 48.6890, 44.7313)

Have a look what the booklet for
XYZ(60.8368, 48.6890, 44.7313)
contains.

XYZ(60.8175, 48.6540, 44.7138)	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(60.8175, 48.6540,
44.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EAB
RGB	255, 158, 171
RGB Percent	100%, 62%, 67%
CMY	0.0000, 0.3804, 0.3294
CMYK	0.00, 0.38, 0.33, 0.00
HSL	352°, 100%, 81%
HSV	352°, 38%, 100%
XYZ	60.8175, 48.6540, 44.7138
YIQ	188.4850, 53.6390, 24.6070

Conversions

Conversions Part 2

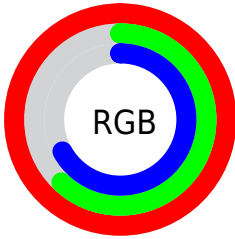
Format	Color
R_{YB}	255, 158, 171
Decimal	16752299
CIE _{Lab}	75.24, 37.60, 8.64
CIE _{LCh}	75, 38.581, 12.947
Yxy	48.6540, 0.3944, 0.3156
Android (android.graphics.Color)	4294942379 (0xFFFF9EAB)
YUV	188.4850, -8.6201, 58.3337
Hunter-Lab	69.7524, 33.5684, 10.8197

Details

The XYZ color **60.8175, 48.6540, 44.7138** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.8898, 85.2009, 96.9816**, and the grayscale version is **48.1032, 50.6084, 55.1125**.

A 20% lighter version of the original color is **79.0140, 74.8441, 82.2334**, and **31.1463, 23.1708, 20.2836** is the 20% darker color. If you saturate the color by 10%, you get **54.9784, 40.0676, 33.2353**, and if you desaturate by 10%, it is **67.9133, 59.1905, 58.3472**.

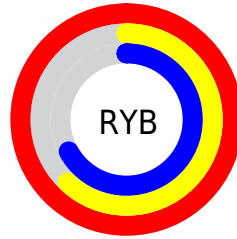
Distribution



Red (100%)

Green (62%)

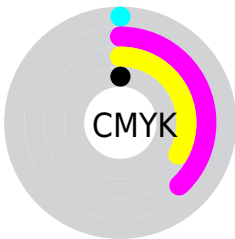
Blue (67%)



Red (100%)

Yellow (62%)

Blue (67%)

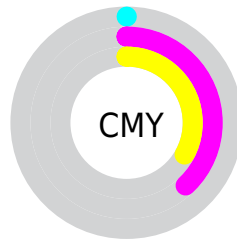


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8175, 48.6540, 44.7138 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 60.8175, 48.6540, 44.7138 by changing the saturation by 10% instead.


 60.8175, 48.6540,
44.7138


 60.8175, 48.6540,
44.7138


417.3911,
381.3786, 381.7395

 44.3299, 34.3451,
30.8908

 105.1143, 88.1774,
83.6047

 31.1290, 23.1588,
20.2579


 133.6541,
114.1606, 109.5096

 20.8494, 14.7108,
12.3967


166.9421,
144.8040, 140.2788

 13.1258, 8.6167,
6.8887

205.3435,
180.4921, 176.3310

 7.5928, 4.4920,
3.3152

249.2238,
221.6092, 218.0846

 3.8851, 1.9524,
1.2577

298.9482,

 1.6373, 0.5796,

268.5397, 265.9582

0.0268

354.8822,
321.6681, 320.3703

■ 0.4166, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8175, 48.6540,
44.7138

■ 60.8175, 48.6540,
44.7138

■ 54.9784, 40.0676,
33.2353

■ 67.9133, 59.1905,
58.3472

■ 50.3183, 33.3048,
23.7983

■ 76.3296, 71.7793,
74.2354

■ 46.7572, 28.2353,
16.2829

■ 86.1303, 86.5238,
92.4754

■ 44.2030, 24.7084,
10.5556

95.0500, 100.0000,
108.9000

■ 42.5483, 22.5468,
6.4656

■ 41.6523, 21.5119,
3.8331

■ 41.5311, 21.3764,
3.4628

Harmonies

Analogous

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



60.5150, 48.6540, 65.2491



60.8175, 48.6540, 44.7138



56.9396, 48.6540, 30.6090

Triad

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



60.8175, 48.6540, 44.7138



37.5770, 48.6540, 29.2592



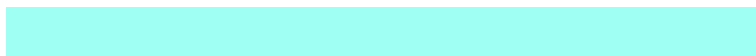
42.3664, 48.6540, 99.6632

Complementary

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



60.8175, 48.6540, 44.7138



65.8898, 85.2009, 96.9816

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.



36.9797, 48.6540, 84.2187



60.8175, 48.6540, 44.7138



34.4143, 48.6540, 42.3472

Square

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



60.8175, 48.6540, 44.7138



43.2613, 48.6540, 23.3441



34.2074, 48.6540, 62.1979



49.3611, 48.6540, 100.7690

Rectangle

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



60.8175, 48.6540, 44.7138



52.7149, 48.6540, 25.2918



34.2074, 48.6540, 62.1979



40.3259, 48.6540, 95.8257

Sweetspot

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



60.8188, 48.6564, 44.7147



83.0780, 81.9238, 86.8194



66.3665, 50.2804, 100.8149



17.4922, 17.0986, 18.0442



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.



60.8188, 48.6564, 44.7147



56.0696, 41.6646, 35.4038



66.2518, 61.4081, 40.7120



18.1084, 18.0267, 19.1881



21.7310, 11.1817, 1.9682



2.1449, 1.1003, 0.3446

Inverse Universe

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



60.8188, 48.6564, 44.7147



56.0696, 41.6646, 35.4038



58.0222, 66.2304, 104.3333



18.1084, 18.0267, 19.1881



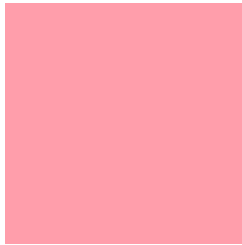
21.7310, 11.1817, 1.9682



2.1449, 1.1003, 0.3446

Previews

White Background



This preview shows how the XYZ color 60.8175, 48.6540, 44.7138 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 60.8175, 48.6540, 44.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

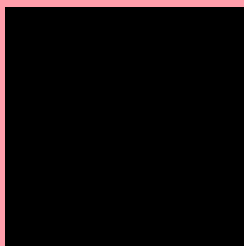
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8175, 48.6540, 44.7138

Background



This preview shows how black text looks on a background with the XYZ color 60.8175, 48.6540, 44.7138.



This preview shows how white text looks on a background with the XYZ color 60.8175, 48.6540,

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

60.8175, 48.6540, 44.7138

Protanopia

47.1982, 49.0619, 53.4367

Deuteranopia

49.6735, 48.7319, 43.3473



Tritanopia

60.7226, 48.6160, 44.2136

Trichromacy



Original Color

60.8175, 48.6540, 44.7138



Protanomaly

51.1110, 48.1423, 50.3146



Deuteranomaly

52.9948, 48.1217, 43.5411



Tritanomaly

60.7226, 48.6160, 44.2136

Monochromacy



Original Color

60.8175, 48.6540, 44.7138



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.3170, 48.8187, 50.9742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8175, 48.6540, 44.7138 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, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 171) }
```

Border

The CSS property to change the border of an element to XYZ 60.8175, 48.6540, 44.7138 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, 158, 171) }
```


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

```
.border{ border-color:rgb(255, 158, 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, 158, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8175, 48.6540, 44.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 171) }
```

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

```
.background{ background-color: rgb(255,  
158, 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](#).

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