

Converting Colors

XYZ(63.2033, 52.5383, 48.2443)

Have a look what the booklet for
XYZ(63.2033, 52.5383, 48.2443)
contains.

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Color

**XYZ(63.1784, 52.4396,
48.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8B1
RGB	255, 168, 177
RGB Percent	100%, 66%, 69%
CMY	0.0000, 0.3412, 0.3059
CMYK	0.00, 0.34, 0.31, 0.00
HSL	354°, 100%, 83%
HSV	354°, 34%, 100%
XYZ	63.1784, 52.4396, 48.3870
YIQ	195.0390, 48.9630, 21.2430

Conversions

Conversions Part 2

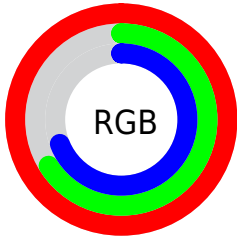
Format	Color
R _Y B	255, 168, 177
Decimal	16754865
CIE Lab	77.54, 33.16, 8.66
CIE LCh	78, 34.271, 14.634
Yxy	52.4396, 0.3852, 0.3197
Android (android.graphics.Color)	4294944945 (0xFFFFA8B1)
YUV	195.0390, -8.8932, 52.5858
Hunter-Lab	72.4152, 29.0052, 11.0737

Details

The XYZ color **63.1784, 52.4396, 48.3870** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5453, 86.4997, 100.2766**, and the grayscale version is **51.9272, 54.6314, 59.4936**.

A 20% lighter version of the original color is **82.6036, 80.4545, 88.2664**, and **32.5974, 25.4779, 22.6017** is the 20% darker color. If you saturate the color by 10%, you get **56.8328, 43.0948, 35.9548**, and if you desaturate by 10%, it is **70.8317, 63.7882, 63.1398**.

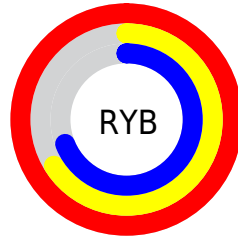
Distribution



Red (100%)

Green (66%)

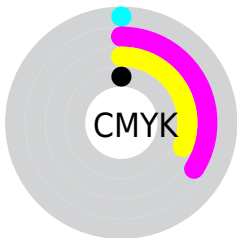
Blue (69%)



Red (100%)

Yellow (66%)

Blue (69%)

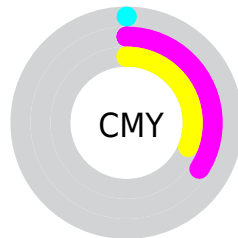


Cyan (0%)

Magenta (34%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1784, 52.4396, 48.3870 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 63.1784, 52.4396, 48.3870 by changing the saturation by 10% instead.


 63.1784, 52.4396,
48.3870


 63.1784, 52.4396,
48.3870


425.8660,
396.1314, 396.8769

 46.2447, 37.3556,
33.7713

 108.5072, 93.7792,
89.1519

 32.6444, 25.4829,
22.4420


 137.6331,
120.8036, 116.1381

 22.0121, 16.4372,
13.9806


171.5537,
152.5770, 148.0849

 13.9825, 9.8341,
7.9686

210.6345,
189.4836, 185.4109

 8.1901, 5.2891,
3.9874

255.2408,
231.9080, 228.5346

 4.2696, 2.4179,
1.6184

305.7379,

 1.8558, 0.8351,

280.2345, 277.8744

0.3039

362.4912,
334.8475, 333.8490

■ 0.5509, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1784, 52.4396,
48.3870

■ 63.1784, 52.4396,
48.3870

■ 56.8328, 43.0948,
35.9548

■ 70.8317, 63.7882,
63.1398

■ 51.7174, 35.6303,
25.7219

■ 79.8559, 77.2396,
80.3199

■ 47.7533, 29.9206,
17.5607

■ 90.3153, 92.8955,
100.0310

■ 44.8501, 25.8218,
11.3290

95.0500, 100.0000,
108.9000

■ 42.9044, 23.1673,
6.8669

■ 41.7909, 21.7538,
3.9878

■ 41.4306, 21.3362,
2.9335

Harmonies

Analogous

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



63.1291, 52.4396, 67.2965



63.1784, 52.4396, 48.3870



59.4445, 52.4396, 35.1530

Triad

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



63.1784, 52.4396, 48.3870



41.4357, 52.4396, 34.9153



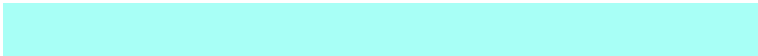
46.5497, 52.4396, 99.8778

Complementary

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



63.1784, 52.4396, 48.3870



68.5453, 86.4997, 100.2766

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.



41.3341, 52.4396, 86.6782



63.1784, 52.4396, 48.3870



38.5642, 52.4396, 47.9854

Square

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



63.1784, 52.4396, 48.3870



46.6999, 52.4396, 28.6244



38.5288, 52.4396, 66.7959



53.1226, 52.4396, 100.0528

Rectangle

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



63.1784, 52.4396, 48.3870



55.4877, 52.4396, 30.1192



38.5288, 52.4396, 66.7959



44.5934, 52.4396, 96.7063

Sweetspot

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



63.1798, 52.4421, 48.3880



83.9828, 83.4097, 88.1190



69.6580, 54.6134, 101.4778



17.6682, 17.3930, 18.2806



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.



63.1798, 52.4421, 48.3880



58.6743, 45.7990, 39.5861



69.2778, 66.0260, 46.1420



18.0857, 18.0176, 19.0683



21.6731, 11.1585, 1.6628



2.1342, 1.0961, 0.2884

Inverse Universe

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



63.1798, 52.4421, 48.3880



58.6743, 45.7990, 39.5861



60.2290, 67.6037, 104.4822



18.0857, 18.0176, 19.0683



21.6731, 11.1585, 1.6628



2.1342, 1.0961, 0.2884

Previews

White Background



This preview shows how the XYZ color 63.1784, 52.4396, 48.3870 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 63.1784, 52.4396, 48.3870 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 63.1784, 52.4396, 48.3870

Background



This preview shows how black text looks on a background with the XYZ color 63.1784, 52.4396, 48.3870.



This preview shows how white text looks on a background with the XYZ color 63.1784, 52.4396,

48.3870.

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

63.1784, 52.4396, 48.3870

Protanopia

50.6900, 52.7151, 56.2186

Deuteranopia

53.6042, 52.5056, 47.3538



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

63.1784, 52.4396, 48.3870



Protanomaly

54.3057, 52.1215, 53.0972



Deuteranomaly

56.8130, 52.3243, 47.6627



Tritanomaly

63.3793, 52.5199, 49.4447

Monochromacy



Original Color

63.1784, 52.4396, 48.3870



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.0413, 53.0805, 54.9215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1784, 52.4396, 48.3870 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, 168, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 177)  
}
```

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, 168, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 177) }
```

Border

The CSS property to change the border of an element to XYZ 63.1784, 52.4396, 48.3870 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, 168, 177) }
```


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

```
.border{ border-color:rgb(255, 168, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 168, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1784, 52.4396, 48.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 177) }
```

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

```
.background{ background-color: rgb(255,  
168, 177) }
```

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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