

Converting Colors

XYZ(63.5191, 52.9328, 49.0806)

Have a look what the booklet for
XYZ(63.5191, 52.9328, 49.0806)
contains.

XYZ(63.4638, 52.8503, 48.9757)	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(63.4638, 52.8503,
48.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9B2
RGB	255, 169, 178
RGB Percent	100%, 66%, 70%
CMY	0.0000, 0.3372, 0.3020
CMYK	0.00, 0.34, 0.30, 0.00
HSL	354°, 100%, 83%
HSV	354°, 34%, 100%
XYZ	63.4638, 52.8503, 48.9757
YIQ	195.7400, 48.3670, 21.0310

Conversions

Conversions Part 2

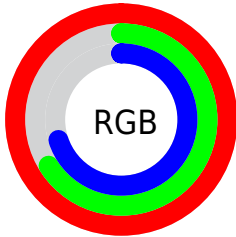
Format	Color
R_{YB}	255, 169, 178
Decimal	16755122
CIE _{Lab}	77.79, 32.77, 8.46
CIE _{LCh}	78, 33.841, 14.480
Yxy	52.8503, 0.3840, 0.3197
Android (android.graphics.Color)	4294945202 (0xFFFFA9B2)
YUV	195.7400, -8.7458, 51.9710
Hunter-Lab	72.6982, 28.6044, 10.9460

Details

The XYZ color **63.4638, 52.8503, 48.9757** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.7590, 86.6099, 100.2866**, and the grayscale version is **52.3453, 55.0713, 59.9727**.

A 20% lighter version of the original color is **83.0165, 81.0509, 89.1109**, and **32.7120, 25.7072, 22.6399** is the 20% darker color. If you saturate the color by 10%, you get **57.0693, 43.4296, 36.4594**, and if you desaturate by 10%, it is **71.1679, 64.2787, 63.8121**.

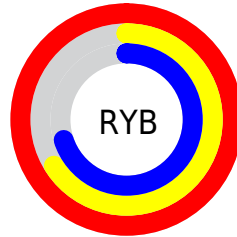
Distribution



Red (100%)

Green (66%)

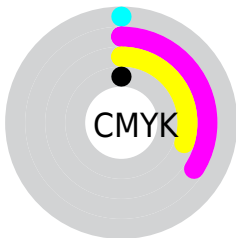
Blue (70%)



Red (100%)

Yellow (66%)

Blue (70%)

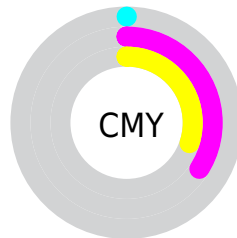


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4638, 52.8503, 48.9757 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 63.4638, 52.8503, 48.9757 by changing the saturation by 10% instead.

 63.4638, 52.8503,
48.9757

 63.4638, 52.8503,
48.9757


426.8837,
397.7105, 399.2664

 46.4766, 37.6833,
34.2347

 108.9164, 94.3841,
90.0360

 32.8283, 25.7370,
22.7952


138.1125,
121.5196, 117.1924

 22.1535, 16.6270,
14.2385


172.1090,
153.4134, 149.3243

 14.0870, 9.9689,
8.1461

211.2711,
190.4499, 186.8504

 8.2633, 5.3783,
4.0994

255.9643,
233.0134, 230.1891

 4.3171, 2.4709,
1.6801

306.5539,

 1.8830, 0.8620,

281.4885, 279.7589

0.3470

363.4053,
336.2594, 335.9785

■ 0.5670, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4638, 52.8503,
48.9757

■ 63.4638, 52.8503,
48.9757

■ 57.0693, 43.4296,
36.4594

■ 71.1679, 64.2787,
63.8121

■ 51.9071, 35.8936,
26.1427

■ 80.2444, 77.8137,
81.0745

■ 47.8987, 30.1174,
17.8990

■ 90.7573, 93.5564,
100.8662

■ 44.9544, 25.9578,
11.5873

95.0500, 100.0000,
108.9000

■ 42.9714, 23.2495,
7.0490

■ 41.8257, 21.7909,
4.0998

■ 41.4341, 21.3376,
2.9519

Harmonies

Analogous

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



63.3946, 52.8503, 67.7635



63.4638, 52.8503, 48.9757



59.7818, 52.8503, 35.7614

Triad

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



63.4638, 52.8503, 48.9757



41.9020, 52.8503, 35.4248



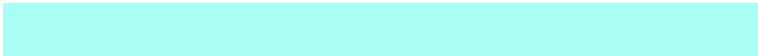
46.9322, 52.8503, 99.8480

Complementary

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



63.4638, 52.8503, 48.9757



68.7590, 86.6099, 100.2866

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.



41.7587, 52.8503, 86.7524



63.4638, 52.8503, 48.9757



39.0315, 52.8503, 48.4091

Square

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



63.4638, 52.8503, 48.9757



47.1439, 52.8503, 29.1733



38.9815, 52.8503, 67.0597



53.4534, 52.8503, 100.0932

Rectangle

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



63.4638, 52.8503, 48.9757



55.8659, 52.8503, 30.7110



38.9815, 52.8503, 67.0597



44.9914, 52.8503, 96.6942

Sweetspot

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



63.4652, 52.8528, 48.9767



83.9871, 83.4114, 88.1419



69.8840, 55.0050, 101.5415



17.6692, 17.3934, 18.2861



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.



63.4652, 52.8528, 48.9767



59.3022, 46.7108, 40.8558



69.5157, 66.3522, 46.6828



18.0866, 18.0179, 19.0730



21.6751, 11.1593, 1.6736



2.1347, 1.0962, 0.2906

Inverse Universe

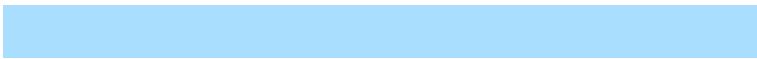
The Inverse Universe completely reimagines the original color for something new.



63.4652, 52.8528, 48.9767



59.3022, 46.7108, 40.8558



60.5444, 67.9174, 104.5261



18.0866, 18.0179, 19.0730



21.6751, 11.1593, 1.6736



2.1347, 1.0962, 0.2906

Previews

White Background



This preview shows how the XYZ color 63.4638, 52.8503, 48.9757 looks on a white background.

Color Contrast Check

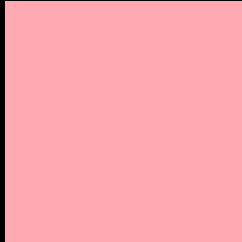
Large Text (above 18pt) WCAG AA × Fail

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 63.4638, 52.8503, 48.9757 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 63.4638, 52.8503, 48.9757

Background



This preview shows how black text looks on a background with the XYZ color 63.4638, 52.8503, 48.9757.



This preview shows how white text looks on a background with the XYZ color 63.4638, 52.8503,

48.9757.

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

63.4638, 52.8503, 48.9757

Protanopia

51.2796, 53.3312, 56.8814

Deuteranopia

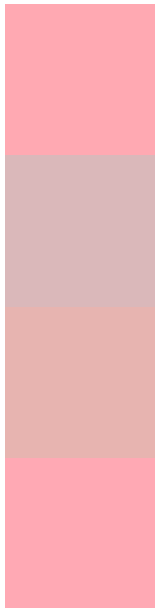
54.2102, 53.1184, 47.9531



Tritanopia

63.7685, 52.9721, 50.5797

Trichromacy



Original Color

63.4638, 52.8503, 48.9757

Protanomaly

54.9169, 52.7316, 53.7382

Deuteranomaly

57.1127, 52.7660, 48.2490

Tritanomaly

63.6662, 52.9312, 50.0412

Monochromacy



Original Color

63.4638, 52.8503, 48.9757

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.3595, 53.5436, 55.5613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4638, 52.8503, 48.9757 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, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 178)  
}
```

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, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.4638, 52.8503, 48.9757 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, 169, 178) }
```


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

```
.border{ border-color:rgb(255, 169, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4638, 52.8503, 48.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 178) }
```

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

```
.background{ background-color: rgb(255,  
169, 178) }
```

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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