

Converting Colors

XYZ(63.4887, 58.2853, 43.9808)

Have a look what the booklet for
XYZ(63.4887, 58.2853, 43.9808)
contains.

XYZ(63.3647, 58.2503, 43.9801)	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(63.3647, 58.2503,
43.9801)**

Conversions

Conversions Part 1

Format	Color
Hex	F8BBA6
RGB	248, 187, 166
RGB Percent	97%, 73%, 65%
CMY	0.0274, 0.2666, 0.3490
CMYK	0.00, 0.25, 0.33, 0.03
HSL	15°, 85%, 81%
HSV	15°, 33%, 97%
XYZ	63.3647, 58.2503, 43.9801
YIQ	202.8450, 43.0970, 6.4010

Conversions

Conversions Part 2

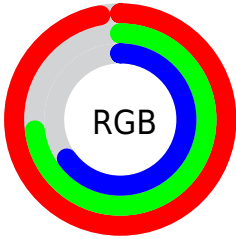
Format	Color
R _Y B	248, 194, 166
Decimal	16300966
CIE Lab	80.88, 19.21, 19.19
CIE LCh	81, 27.155, 44.964
Yxy	58.2503, 0.3826, 0.3518
Android (android.graphics.Color)	4294491046 (0xFFF8BBA6)
YUV	202.8450, -18.1646, 39.6009
Hunter-Lab	76.3219, 14.6327, 19.2598

Details

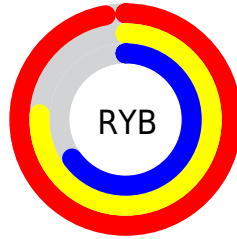
The XYZ color **63.3647, 58.2503, 43.9801** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1373, 69.8201, 99.1142**, and the grayscale version is **56.7602, 59.7162, 65.0309**.

A 20% lighter version of the original color is **86.3417, 90.5816, 81.3399**, and **32.7976, 29.2122, 19.8295** is the 20% darker color. If you saturate the color by 10%, you get **57.6403, 50.0977, 31.9098**, and if you desaturate by 10%, it is **70.0336, 67.5893, 58.5306**.

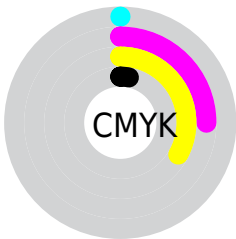
Distribution



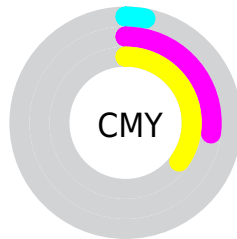
- Red (97%)
- Green (73%)
- Blue (65%)



- Red (97%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3647, 58.2503, 43.9801 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 63.3647, 58.2503, 43.9801 by changing the saturation by 10% instead.


 63.3647, 58.2503,
43.9801


 63.3647, 58.2503,
43.9801


426.5305,
418.1180, 378.6660

 46.3961, 42.0099,
30.3178


 108.7744,
102.2873, 82.4900

 32.7644, 29.1090,
19.8258


 137.9461,
130.8526, 108.1746

 22.1044, 19.1633,
12.0857


171.9162,
164.2951, 138.7037

 14.0507, 11.7884,
6.6788

211.0501,
202.9991, 174.4959

 8.2379, 6.5997,
3.1867

255.7132,
247.3490, 215.9697

 4.3006, 3.2131,
1.1907

306.2707,

 1.8736, 1.2440,

297.7291, 263.5436

0.0000

363.0880,
354.5240, 317.6362

0.5614, 0.0972,
0.0000

0.0000, 0.0000,
0.0000

63.3647, 58.2503,
43.9801

63.3647, 58.2503,
43.9801

57.6403, 50.0977,
31.9098

70.0336, 67.5893,
58.5306

52.8115, 43.0752,
22.1765

77.6837, 78.1518,
75.6864

48.8317, 37.1340,
14.6279

86.3552, 89.9833,
95.5682

45.6481, 32.2182,
9.0918

92.5215, 98.6965,
108.7817

■ 43.2010, 28.2667,
5.3697

■ 41.4210, 25.2111,
3.2217

■ 40.5184, 23.5703,
2.4140

Harmonies

Analogous

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



66.4695, 58.2503, 55.7679



63.3647, 58.2503, 43.9801



58.2149, 58.2503, 37.9949

Triad

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



63.3647, 58.2503, 43.9801



45.5751, 58.2503, 55.7331



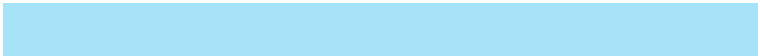
58.2012, 58.2503, 98.2493

Complementary

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



63.3647, 58.2503, 43.9801



60.1373, 69.8201, 99.1142

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.



52.6100, 58.2503, 98.2357



63.3647, 58.2503, 43.9801



45.5720, 58.2503, 71.7520

Square

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



63.3647, 58.2503, 43.9801



48.0777, 58.2503, 43.9584



48.0689, 58.2503, 87.8920



63.3541, 58.2503, 87.9265

Rectangle

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



63.3647, 58.2503, 43.9801



54.4358, 58.2503, 37.3287



48.0689, 58.2503, 87.8920



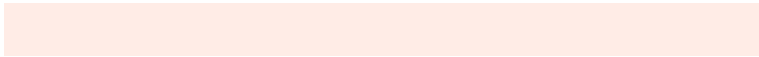
56.3050, 58.2503, 99.5037

Sweetspot

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



63.3662, 58.2530, 43.9813



85.4575, 86.9545, 86.7751



66.2823, 52.8032, 79.7344



18.0220, 18.2431, 17.9591



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.



63.3662, 58.2530, 43.9813



63.1356, 55.8516, 37.5898



73.2008, 77.9221, 47.2595



17.6060, 17.9478, 17.9987



21.9827, 12.9221, 1.3356



2.1173, 1.3595, 0.1508

Inverse Universe

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



60.1373, 69.8201, 99.1142



59.1707, 69.9599, 104.9927



50.3342, 50.2138, 95.8465



17.3674, 18.8116, 22.1009



18.5839, 22.5234, 51.3415



1.8062, 2.2560, 4.7834

Previews

White Background



This preview shows how the XYZ color 63.3647, 58.2503, 43.9801 looks on a white background.

Color Contrast Check

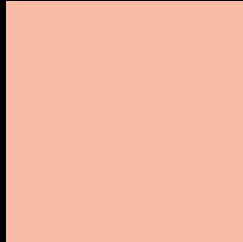
Large Text (above 18pt) WCAG AA × Fail

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 63.3647, 58.2503, 43.9801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

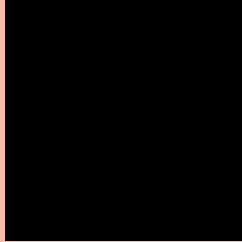
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3647, 58.2503, 43.9801

Background



This preview shows how black text looks on a background with the XYZ color 63.3647, 58.2503, 43.9801.



This preview shows how white text looks on a background with the XYZ color 63.3647, 58.2503,

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

63.3647, 58.2503, 43.9801

Protanopia

55.2934, 58.6393, 47.9394

Deuteranopia

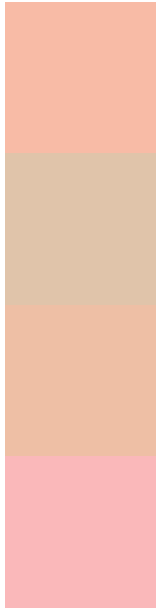
59.4658, 58.1802, 43.6930



Tritanopia

66.7952, 58.4074, 60.5766

Trichromacy



Original Color

63.3647, 58.2503, 43.9801

Protanomaly

57.7361, 58.2294, 46.2266

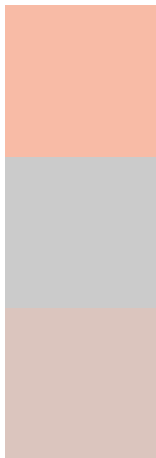
Deuteranomaly

60.6822, 58.1554, 43.6241

Tritanomaly

65.4278, 58.1501, 54.2301

Monochromacy



Original Color

63.3647, 58.2503, 43.9801

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.4739, 58.7103, 56.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3647, 58.2503, 43.9801 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(248, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(248, 187, 166)  
}
```

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(248, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 187, 166) }
```

Border

The CSS property to change the border of an element to XYZ 63.3647, 58.2503, 43.9801 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(248, 187, 166) }
```


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

```
.border{ border-color:rgb(248, 187, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 187, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(248, 187,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3647, 58.2503, 43.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 187, 166) }
```

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

```
.background{ background-color: rgb(248,  
187, 166) }
```

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