

Converting Colors

XYZ(64.0442, 58.5843, 47.7031)

Have a look what the booklet for
XYZ(64.0442, 58.5843, 47.7031)
contains.

XYZ(64.0245, 58.5142, 47.4551)	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(64.0245, 58.5142,
47.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	F8BBAD
RGB	248, 187, 173
RGB Percent	97%, 73%, 68%
CMY	0.0275, 0.2666, 0.3216
CMYK	0.00, 0.25, 0.30, 0.03
HSL	11°, 84%, 83%
HSV	11°, 30%, 97%
XYZ	64.0245, 58.5142, 47.4551
YIQ	203.6430, 40.8500, 8.5780

Conversions

Conversions Part 2

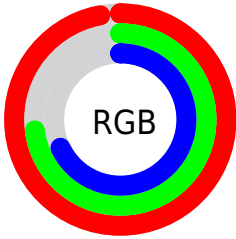
Format	Color
R _Y B	248, 190, 173
Decimal	16300973
CIE Lab	81.02, 20.09, 15.65
CIE LCh	81, 25.468, 37.904
Yxy	58.5142, 0.3766, 0.3442
Android (android.graphics.Color)	4294491053 (0xFFF8BBAD)
YUV	203.6430, -15.1070, 38.9011
Hunter-Lab	76.4946, 15.5356, 16.7643

Details

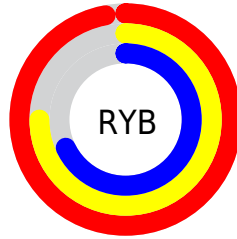
The XYZ color **64.0245, 58.5142, 47.4551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.5987, 74.5047, 99.8359**, and the grayscale version is **57.2447, 60.2259, 65.5860**.

A 20% lighter version of the original color is **87.2942, 90.9626, 86.3554**, and **33.2115, 29.3778, 22.0092** is the 20% darker color. If you saturate the color by 10%, you get **57.8616, 49.6788, 34.6400**, and if you desaturate by 10%, it is **71.2369, 68.7351, 62.8187**.

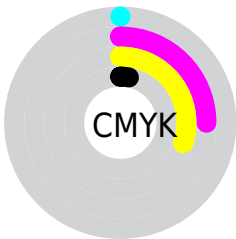
Distribution



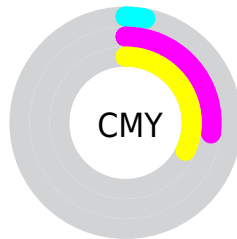
- Red (97%)
- Green (73%)
- Blue (68%)



- Red (97%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0245, 58.5142, 47.4551 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 64.0245, 58.5142, 47.4551 by changing the saturation by 10% instead.


 64.0245, 58.5142,
47.4551

 64.0245, 58.5142,
47.4551


428.8789,
419.0992, 393.0744

 46.9323, 42.2222,
33.0387


 109.7198,
102.6713, 87.7496

 33.1898, 29.2753,
21.8847


139.0535,
131.3051, 114.4648

 22.4318, 19.2892,
13.5747

173.1985,
164.8217, 146.1166

 14.2929, 11.8794,
7.6901

212.5200,
203.6054, 183.1236

 8.4077, 6.6616,
3.8124

257.3834,
248.0406, 225.9044

 4.4109, 3.2514,
1.5230

308.1542,

 1.9371, 1.2643,

298.5117, 274.8774

0.2350

365.1976,
355.4031, 330.4612

■ 0.5983, 0.1133,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0245, 58.5142,
47.4551

■ 64.0245, 58.5142,
47.4551

■ 57.8616, 49.6788,
34.6400

■ 71.2369, 68.7351,
62.8187

■ 52.6940, 42.1610,
24.2315

■ 79.5404, 80.3894,
80.8552

■ 48.4694, 35.8994,
16.0794

■ 88.9799, 93.5326,
101.6848

■ 45.1289, 30.8245,
10.0147

■ 92.5214, 98.6965,
108.7817

■ 42.6065, 26.8596,
5.8447

■ 40.8262, 23.9188,
3.3402

■ 39.7006, 21.9348,
2.1414

Harmonies

Analogous

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



66.2993, 58.5142, 59.7937



64.0245, 58.5142, 47.4551



59.5262, 58.5142, 40.3745

Triad

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



64.0245, 58.5142, 47.4551



46.7229, 58.5142, 53.3810



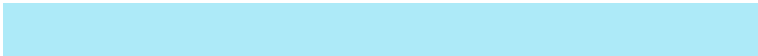
57.0250, 58.5142, 97.0996

Complementary

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



64.0245, 58.5142, 47.4551



63.5987, 74.5047, 99.8359

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.



51.8809, 58.5142, 94.6561



64.0245, 58.5142, 47.4551



46.1468, 58.5142, 67.7979

Square

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



64.0245, 58.5142, 47.4551



49.6045, 58.5142, 43.3993



47.9779, 58.5142, 83.3129



62.0945, 58.5142, 89.5410

Rectangle

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



64.0245, 58.5142, 47.4551



55.9884, 58.5142, 38.8322



47.9779, 58.5142, 83.3129



55.2452, 58.5142, 97.4403

Sweetspot

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



64.0260, 58.5169, 47.4563



85.9047, 87.2733, 88.6989



68.5426, 55.7991, 85.1883



18.0907, 18.2659, 18.3356



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.



64.0260, 58.5169, 47.4563



64.2592, 56.6923, 42.3002



72.9774, 76.4197, 50.4401



17.5068, 17.7494, 17.9657



21.5199, 11.9965, 1.1813



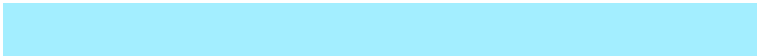
2.0614, 1.2477, 0.1322

Inverse Universe

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



63.5987, 74.5047, 99.8359



63.7284, 76.0940, 105.9365



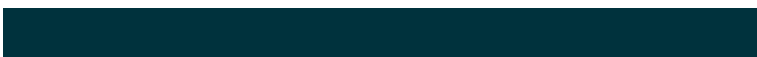
54.0870, 55.4813, 96.6653



17.4741, 19.0251, 22.1365



20.6200, 26.5956, 52.0202



1.9786, 2.6008, 4.8409

Previews

White Background



This preview shows how the XYZ color 64.0245, 58.5142, 47.4551 looks on a white background.

Color Contrast Check

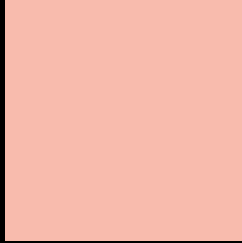
Large Text (above 18pt) WCAG AA × Fail

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 64.0245, 58.5142, 47.4551 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 64.0245, 58.5142, 47.4551

Background



This preview shows how black text looks on a background with the XYZ color 64.0245, 58.5142, 47.4551.



This preview shows how white text looks on a background with the XYZ color 64.0245, 58.5142,

47.4551.

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

64.0245, 58.5142, 47.4551

Protanopia

55.7032, 58.7702, 51.5879

Deuteranopia

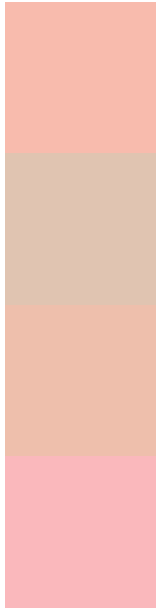
60.0169, 58.7179, 47.2002



Tritanopia

66.7952, 58.4074, 60.5766

Trichromacy



Original Color

64.0245, 58.5142, 47.4551

Protanomaly

58.4162, 58.5015, 49.8080

Deuteranomaly

61.3371, 58.4173, 47.0726

Tritanomaly

65.6419, 58.2358, 55.3579

Monochromacy



Original Color

64.0245, 58.5142, 47.4551

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.3349, 59.4541, 58.8006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0245, 58.5142, 47.4551 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(248, 187, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 187, 173) }
```

Border

The CSS property to change the border of an element to XYZ 64.0245, 58.5142, 47.4551 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, 173) }
```


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

```
.border{ border-color:rgb(248, 187, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(248, 187,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0245, 58.5142, 47.4551 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, 173) }
```

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

```
.background{ background-color: rgb(248,  
187, 173) }
```

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