

Converting Colors

XYZ(64.6515, 58.4886, 52.7061)

Have a look what the booklet for
XYZ(64.6515, 58.4886, 52.7061)
contains.

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Color

**XYZ(64.4639, 58.3109,
52.6573)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BAB7
RGB	247, 186, 183
RGB Percent	97%, 73%, 72%
CMY	0.0314, 0.2706, 0.2823
CMYK	0.00, 0.25, 0.26, 0.03
HSL	3°, 80%, 84%
HSV	3°, 26%, 97%
XYZ	64.4639, 58.3109, 52.6573
YIQ	203.8970, 37.3190, 11.9990

Conversions

Conversions Part 2

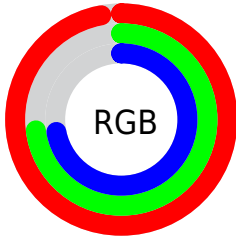
Format	Color
RYB	247, 186, 183
Decimal	16235191
CIELab	80.91, 21.58, 10.10
CIELCh	81, 23.828, 25.084
Yxy	58.3109, 0.3675, 0.3324
Android (android.graphics.Color)	4294425271 (0xFFF7BAB7)
YUV	203.8970, -10.3022, 37.8013
Hunter-Lab	76.3616, 17.0557, 12.5680

Details

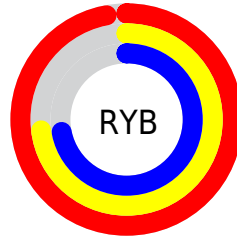
The XYZ color **64.4639, 58.3109, 52.6573** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6666, 81.4814, 100.1042**, and the grayscale version is **57.3773, 60.3654, 65.7379**.

A 20% lighter version of the original color is **88.5721, 90.9963, 94.5571**, and **33.6520, 29.3339, 25.0075** is the 20% darker color. If you saturate the color by 10%, you get **57.5580, 48.2584, 38.7651**, and if you desaturate by 10%, it is **72.6411, 70.1832, 69.2002**.

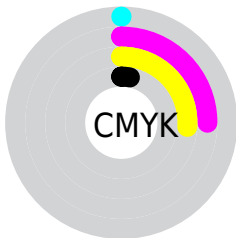
Distribution



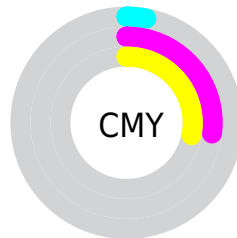
- Red (97%)
- Green (73%)
- Blue (72%)



- Red (97%)
- Yellow (73%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4639, 58.3109, 52.6573 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 64.4639, 58.3109, 52.6573 by changing the saturation by 10% instead.

 64.4639, 58.3109,
52.6573

 64.4639, 58.3109,
52.6573


430.4387,
418.3434, 413.9979

 47.2896, 42.0586,
37.1434


 110.3488,
102.3755, 95.5363

 33.4736, 29.1472,
25.0219


139.7900,
130.9566, 123.7386

 22.6504, 19.1922,
15.8742


174.0510,
164.4161, 157.0073

 14.4549, 11.8093,
9.2818

213.4970,
203.1384, 195.7611

 8.5215, 6.6139,
4.8261

258.4934,
247.5078, 240.4185

 4.4850, 3.2218,
2.0887

309.4056,

 1.9800, 1.2486,

297.9089, 291.3981

0.6090

366.5989,
354.7260, 349.1184

0.6227, 0.1009,
0.0000

0.0000, 0.0000,
0.0000

64.4639, 58.3109,
52.6573

64.4639, 58.3109,
52.6573

57.5580, 48.2584,
38.7651

72.6411, 70.1832,
69.2002

51.8550, 39.9280,
27.3826

82.1440, 83.9503,
88.5178

47.2876, 33.2257,
18.3611

92.1678, 98.5142,
108.7651

43.7797, 28.0449,
11.5347

■ 41.2459, 24.2664,
6.7162

■ 39.5877, 21.7532,
3.6870

■ 38.6855, 20.3409,
2.1773

■ 38.4845, 20.0275,
1.8373

Harmonies

Analogous

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



65.4193, 58.3109, 65.8466



64.4639, 58.3109, 52.6573



61.0304, 58.3109, 43.7207

Triad

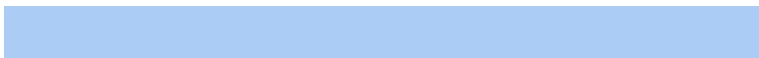
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.4639, 58.3109, 52.6573



48.0038, 58.3109, 49.1783



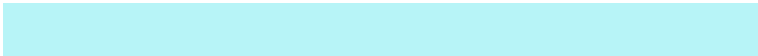
54.6141, 58.3109, 94.5801

Complementary

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



64.4639, 58.3109, 52.6573



68.6666, 81.4814, 100.1042

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.



50.1696, 58.3109, 88.4696



64.4639, 58.3109, 52.6573



46.5002, 58.3109, 61.1915

Square

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



64.4639, 58.3109, 52.6573



51.4983, 58.3109, 41.9308



47.2691, 58.3109, 75.7164



59.5417, 58.3109, 91.4051

Rectangle

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



64.4639, 58.3109, 52.6573



57.9000, 58.3109, 40.6943



47.2691, 58.3109, 75.7164



53.0172, 58.3109, 93.5206

Sweetspot

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



64.4655, 58.3136, 52.6585



86.0459, 86.9716, 90.5467



71.7527, 60.2262, 94.1228



18.0778, 18.1237, 18.6898



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.



64.4655, 58.3136, 52.6585



65.3245, 56.8986, 48.5879



71.7527, 72.8880, 55.0876



16.5615, 16.6072, 17.1302



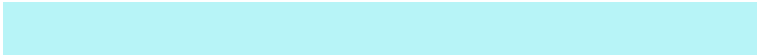
20.3810, 10.6476, 0.9810



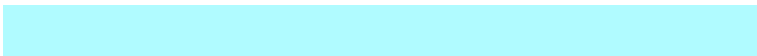
1.8128, 0.9789, 0.0934

Inverse Universe

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



68.6666, 81.4814, 100.1042



70.5306, 85.6190, 107.4165



60.0783, 64.3048, 97.2415



16.9261, 18.6166, 21.2438



24.6821, 35.1580, 52.0233



2.1895, 3.1305, 4.5791

Previews

White Background



This preview shows how the XYZ color 64.4639, 58.3109, 52.6573 looks on a white background.

Color Contrast Check

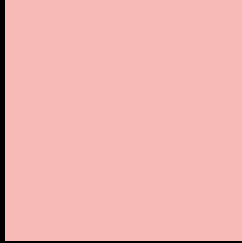
Large Text (above 18pt) WCAG AA × Fail

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 64.4639, 58.3109, 52.6573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

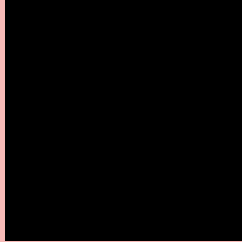
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4639, 58.3109, 52.6573

Background



This preview shows how black text looks on a background with the XYZ color 64.4639, 58.3109, 52.6573.



This preview shows how white text looks on a background with the XYZ color 64.4639, 58.3109,

52.6573.

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

64.4639, 58.3109, 52.6573

Protanopia

55.7904, 58.3355, 57.6096

Deuteranopia

59.7302, 58.4550, 52.3908



Tritanopia

66.4005, 58.4979, 61.2176

Trichromacy



Original Color

64.4639, 58.3109, 52.6573

Protanomaly

58.7164, 58.1906, 55.7142

Deuteranomaly

61.3352, 58.3012, 52.2765

Tritanomaly

65.6860, 58.5046, 58.2826

Monochromacy



Original Color

64.4639, 58.3109, 52.6573

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.4453, 59.1337, 60.5054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4639, 58.3109, 52.6573 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(247, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(247, 186, 183)  
}
```

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(247, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 186, 183) }
```

Border

The CSS property to change the border of an element to XYZ 64.4639, 58.3109, 52.6573 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(247, 186, 183) }
```


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

```
.border{ border-color:rgb(247, 186, 183) }
```

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

Here you see how a box with a 4 pixel rgb(247, 186, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(247, 186,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4639, 58.3109, 52.6573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 186, 183) }
```

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

```
.background{ background-color: rgb(247,  
186, 183) }
```

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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