

Converting Colors

XYZ(64.4080, 58.4521, 44.9306)

Have a look what the booklet for
XYZ(64.4080, 58.4521, 44.9306)
contains.

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Color

**XYZ(64.4104, 58.4542,
44.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBA A8
RGB	251, 186, 168
RGB Percent	98%, 73%, 66%
CMY	0.0157, 0.2706, 0.3412
CMYK	0.00, 0.26, 0.33, 0.02
HSL	13°, 91%, 82%
HSV	13°, 33%, 98%
XYZ	64.4104, 58.4542, 44.9338
YIQ	203.3830, 44.5180, 8.1820

Conversions

Conversions Part 2

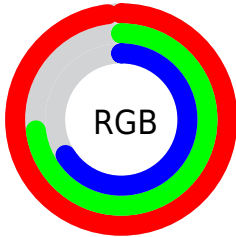
Format	Color
R _Y B	251, 191, 168
Decimal	16497320
CIE Lab	80.99, 21.12, 18.32
CIE LCh	81, 27.958, 40.948
Yxy	58.4542, 0.3839, 0.3484
Android (android.graphics.Color)	4294687400 (0xFFFBAA8)
YUV	203.3830, -17.4438, 41.7601
Hunter-Lab	76.4553, 16.5819, 18.6732

Details

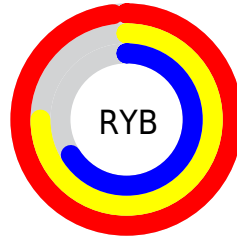
The XYZ color **64.4104, 58.4542, 44.9338** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6988, 73.5650, 102.1616**, and the grayscale version is **57.0935, 60.0668, 65.4127**.

A 20% lighter version of the original color is **86.3114, 90.0920, 82.6524**, and **33.5322, 29.3735, 20.4253** is the 20% darker color. If you saturate the color by 10%, you get **58.4343, 49.8898, 32.4974**, and if you desaturate by 10%, it is **71.4105, 68.3438, 59.9394**.

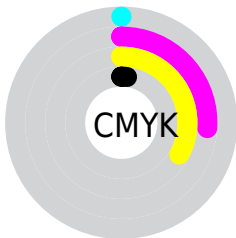
Distribution



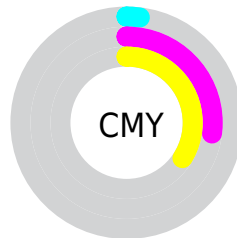
- Red (98%)
- Green (73%)
- Blue (66%)



- Red (98%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4104, 58.4542, 44.9338 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 64.4104, 58.4542, 44.9338 by changing the saturation by 10% instead.


 64.4104, 58.4542,
44.9338


 64.4104, 58.4542,
44.9338


430.2489,
418.8763, 382.6577

 47.2461, 42.1739,
31.0627


 110.2722,
102.5840, 83.9385

 33.4390, 29.2375,
20.3877


 139.7004,
131.2023, 109.9091

 22.6238, 19.2606,
12.4903


173.9472,
164.7020, 140.7500

 14.4351, 11.8587,
6.9520

213.3781,
203.4676, 176.8798

 8.5076, 6.6475,
3.3541

258.3584,
247.8834, 218.7169

 4.4760, 3.2427,
1.2782

309.2534,

 1.9748, 1.2597,

298.3339, 266.6799

0.0438

366.4284,
355.2033, 321.1873

■ 0.6197, 0.1097,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4104, 58.4542,
44.9338

■ 64.4104, 58.4542,
44.9338

■ 58.4343, 49.8898,
32.4974

■ 71.4105, 68.3438,
59.9394

■ 53.4284, 42.5857,
22.4816

■ 79.4758, 79.6034,
77.6442

■ 49.3409, 36.4837,
14.7283

■ 88.6507, 92.2861,
98.1735

■ 46.1130, 31.5179,
9.0584

■ 93.5936, 99.2492,
108.8318

■ 43.6783, 27.6154,
5.2661

■ 41.9597, 24.6944,
3.1019

■ 41.1238, 23.1896,
2.3086

Harmonies

Analogous

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



67.2369, 58.4542, 57.7743



64.4104, 58.4542, 44.9338



59.2775, 58.4542, 37.9896

Triad

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



64.4104, 58.4542, 44.9338



45.6749, 58.4542, 53.7847



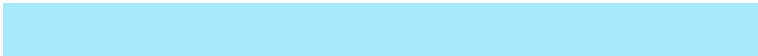
57.7029, 58.4542, 100.4147

Complementary

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



64.4104, 58.4542, 44.9338



62.6988, 73.5650, 102.1616

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.



51.9993, 58.4542, 98.8407



64.4104, 58.4542, 44.9338



45.3181, 58.4542, 69.9041

Square

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



64.4104, 58.4542, 44.9338



48.5693, 58.4542, 42.4518



47.5580, 58.4542, 86.9444



63.1890, 58.4542, 90.9310

Rectangle

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



64.4104, 58.4542, 44.9338



55.3747, 58.4542, 36.7665



47.5580, 58.4542, 86.9444



55.7436, 58.4542, 101.1982

Sweetspot

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



64.4119, 58.4570, 44.9350



85.1702, 86.3800, 86.6793



68.4969, 54.3992, 83.9934



17.9529, 18.1050, 17.9361



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.



64.4119, 58.4570, 44.9350



62.3445, 54.2693, 37.3261



74.4532, 78.5396, 48.2821



17.5498, 17.8355, 17.9800



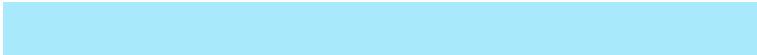
21.7026, 12.3619, 1.2422



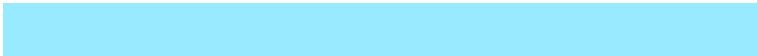
2.0843, 1.2934, 0.1398

Inverse Universe

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



62.6988, 73.5650, 102.1616



60.2898, 72.1982, 105.3658



52.3053, 52.7779, 98.6971



17.4276, 18.9320, 22.1210



19.7058, 24.7673, 51.7155



1.9015, 2.4468, 4.8152

Previews

White Background



This preview shows how the XYZ color 64.4104, 58.4542, 44.9338 looks on a white background.

Color Contrast Check

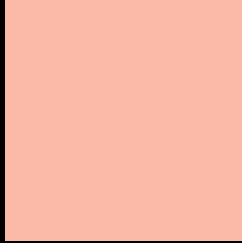
Large Text (above 18pt) WCAG AA × Fail

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 64.4104, 58.4542, 44.9338 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 64.4104, 58.4542, 44.9338

Background



This preview shows how black text looks on a background with the XYZ color 64.4104, 58.4542, 44.9338.



This preview shows how white text looks on a background with the XYZ color 64.4104, 58.4542,

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

64.4104, 58.4542, 44.9338

Protanopia

55.4885, 58.7173, 48.9665

Deuteranopia

59.8711, 58.6972, 44.7334



Tritanopia

67.5648, 58.5123, 59.9575

Trichromacy



Original Color

64.4104, 58.4542, 44.9338

Protanomaly

58.5504, 58.6272, 47.2600

Deuteranomaly

61.5410, 58.5769, 44.6221

Tritanomaly

66.3044, 58.2948, 54.2118

Monochromacy



Original Color

64.4104, 58.4542, 44.9338

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.7757, 58.8659, 56.9796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4104, 58.4542, 44.9338 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(251, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(251, 186, 168)  
}
```

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(251, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 186, 168) }
```

Border

The CSS property to change the border of an element to XYZ 64.4104, 58.4542, 44.9338 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(251, 186, 168) }
```


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

```
.border{ border-color:rgb(251, 186, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(251, 186,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4104, 58.4542, 44.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 186, 168) }
```

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

```
.background{ background-color: rgb(251,  
186, 168) }
```

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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