

Converting Colors

XYZ(67.6090, 64.4303, 54.2216)

Have a look what the booklet for
XYZ(67.6090, 64.4303, 54.2216)
contains.

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Color

**XYZ(67.6638, 64.5434,
54.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C8B8
RGB	247, 200, 184
RGB Percent	97%, 78%, 72%
CMY	0.0314, 0.2157, 0.2784
CMYK	0.00, 0.19, 0.26, 0.03
HSL	15°, 80%, 85%
HSV	15°, 26%, 97%
XYZ	67.6638, 64.5434, 54.2393
YIQ	212.2290, 33.1480, 4.9880

Conversions

Conversions Part 2

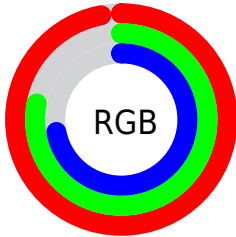
Format	Color
R _Y B	247, 205, 184
Decimal	16238776
CIE Lab	84.25, 14.35, 14.30
CIE LCh	84, 20.257, 44.895
Yxy	64.5434, 0.3629, 0.3462
Android (android.graphics.Color)	4294428856 (0xFFF7C8B8)
YUV	212.2290, -13.9169, 30.4942
Hunter-Lab	80.3389, 9.7449, 16.2087

Details

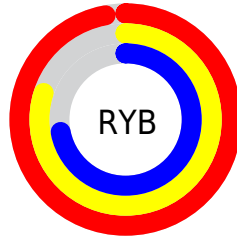
The XYZ color **67.6638, 64.5434, 54.2393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.1309, 74.0556, 98.8574**, and the grayscale version is **62.8073, 66.0782, 71.9591**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **35.6108, 33.1436, 25.9932** is the 20% darker color. If you saturate the color by 10%, you get **61.2844, 55.5724, 40.4348**, and if you desaturate by 10%, it is **75.0130, 74.7297, 70.5988**.

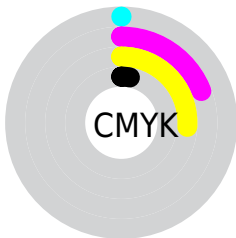
Distribution



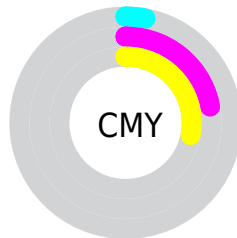
- Red (97%)
- Green (78%)
- Blue (72%)



- Red (97%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (3%)




- Cyan (3%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6638, 64.5434, 54.2393 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 67.6638, 64.5434, 54.2393 by changing the saturation by 10% instead.


 67.6638, 64.5434,
54.2393

 67.6638, 64.5434,
54.2393

441.6993,
441.1493, 420.2223

 49.8969, 47.0909,
38.3985


 114.9156,
111.3932, 97.8855

 35.5490, 33.1075,
25.9879


145.1313,
141.5592, 126.5279

 24.2546, 22.2088,
16.5889


180.2273,
176.7320, 160.2747

 15.6483, 14.0104,
9.7830

220.5689,
217.2958, 199.5444

 9.3649, 8.1279,
5.1516

266.5216,
263.6350, 244.7554

 5.0390, 4.1769,
2.2762

318.4507,

 2.3051, 1.7730,

316.1341, 296.3264

0.7178

376.7215,
375.1774, 354.6758

0.7973, 0.4703,
0.0000

0.0000, 0.0000,
0.0000

67.6638, 64.5434,
54.2393

67.6638, 64.5434,
54.2393

61.2844, 55.5724,
40.4348

75.0130, 74.7297,
70.5988

55.8280, 47.7620,
29.0514

83.3660, 86.1657,
89.6298

51.2513, 41.0665,
19.9491

92.1679, 98.5142,
108.7651

47.5056, 35.4333,
12.9718

■ 44.5368, 30.8057,
7.9435

■ 42.2837, 27.1212,
4.6595

■ 40.6741, 24.3089,
2.8680

■ 40.1216, 23.3015,
2.3830

Harmonies

Analogous

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



70.0680, 64.5434, 64.1145



67.6638, 64.5434, 54.2393



63.6224, 64.5434, 49.0183

Triad

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



67.6638, 64.5434, 54.2393



53.3881, 64.5434, 64.0325



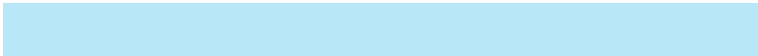
63.5912, 64.5434, 96.9630

Complementary

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



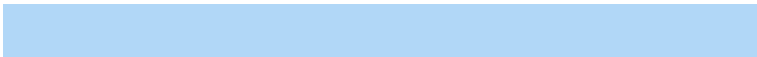
67.6638, 64.5434, 54.2393



65.1309, 74.0556, 98.8574

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.



59.1256, 64.5434, 96.9340



67.6638, 64.5434, 54.2393



53.3806, 64.5434, 76.8218

Square

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



67.6638, 64.5434, 54.2393



55.4562, 64.5434, 54.1855



55.4353, 64.5434, 89.1997



67.6400, 64.5434, 89.2746

Rectangle

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



67.6638, 64.5434, 54.2393



60.6133, 64.5434, 48.4202



55.4353, 64.5434, 89.1997



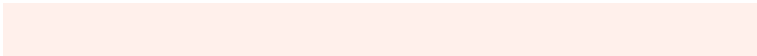
62.0858, 64.5434, 97.8832

Sweetspot

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



67.6655, 64.5464, 54.2406



87.2737, 89.4272, 90.9560



69.9580, 59.8396, 83.6501



18.3843, 18.7369, 18.7919



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.



67.6655, 64.5464, 54.2406



68.8187, 63.8870, 49.7526



75.6560, 80.5273, 56.9041



16.8412, 17.1666, 17.2234



21.3143, 12.5142, 1.2921



1.9524, 1.2580, 0.1399

Inverse Universe

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



65.1309, 74.0556, 98.8574



65.6280, 75.8139, 105.7823



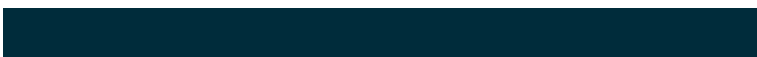
57.1529, 58.0994, 96.1981



16.6195, 18.0033, 21.1416



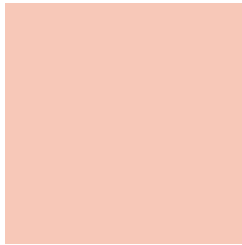
18.0912, 21.9762, 49.8263



1.6718, 2.0950, 4.4065

Previews

White Background



This preview shows how the XYZ color 67.6638, 64.5434, 54.2393 looks on a white background.

Color Contrast Check

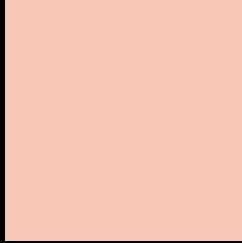
Large Text (above 18pt) WCAG AA × Fail

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 67.6638, 64.5434, 54.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

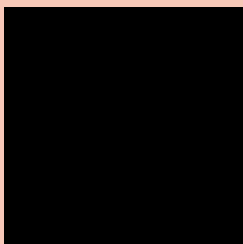
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6638, 64.5434, 54.2393

Background



This preview shows how black text looks on a background with the XYZ color 67.6638, 64.5434, 54.2393.



This preview shows how white text looks on a background with the XYZ color 67.6638, 64.5434,

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

67.6638, 64.5434, 54.2393

Protanopia

61.4453, 64.8274, 57.4185

Deuteranopia

65.8384, 64.6560, 53.8096



Tritanopia

70.9221, 64.5070, 70.3411

Trichromacy



Original Color

67.6638, 64.5434, 54.2393

Protanomaly

63.3540, 64.3885, 56.1028

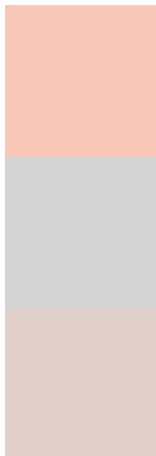
Deuteranomaly

66.6299, 64.7146, 53.7791

Tritanomaly

69.5758, 64.2893, 64.0004

Monochromacy



Original Color

67.6638, 64.5434, 54.2393

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.2679, 65.3836, 65.1101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6638, 64.5434, 54.2393 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, 200, 184)` looks like.

```
.text, #text, p{  
    color:rgb(247, 200, 184)  
}
```

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, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 200, 184) }
```

Border

The CSS property to change the border of an element to XYZ 67.6638, 64.5434, 54.2393 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, 200, 184) }
```


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

```
.border{ border-color:rgb(247, 200, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 200, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 200, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 200, 184);  
box-shadow:4px 4px 4px 4px rgb(247, 200,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6638, 64.5434, 54.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 200, 184) }
```

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

```
.background{ background-color: rgb(247,  
200, 184) }
```

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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