

# Converting Colors

XYZ(63.6327, 57.4321, 44.7775)

Have a look what the booklet for XYZ(63.6327, 57.4321, 44.7775) contains.

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# Color

**XYZ(63.6327, 57.4321,  
44.7775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAB8A8
RGB	250, 184, 168
RGB Percent	98%, 72%, 66%
CMY	0.0196, 0.2784, 0.3412
CMYK	0.00, 0.26, 0.33, 0.02
HSL	12°, 89%, 82%
HSV	12°, 33%, 98%
XYZ	63.6327, 57.4321, 44.7775
YIQ	201.9100, 44.4720, 9.0160

# Conversions

## Conversions Part 2

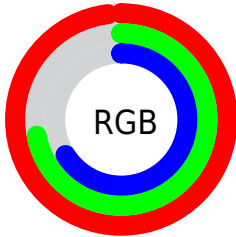
Format	Color
R <sub>Y</sub> B	250, 188, 168
Decimal	16431272
CIE Lab	80.42, 21.79, 17.52
CIE LCh	80, 27.959, 38.790
Yxy	57.4321, 0.3837, 0.3463
Android (android.graphics.Color)	4294621352 (0xFFFAB8A8)
YUV	201.9100, -16.7176, 42.1749
Hunter-Lab	75.7840, 17.2572, 18.0169

# Details

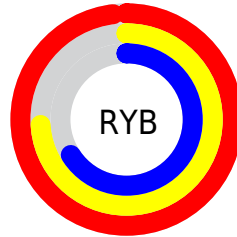
The XYZ color **63.6327, 57.4321, 44.7775** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.8256, 74.0701, 101.4283**, and the grayscale version is **56.1657, 59.0907, 64.3498**.

A 20% lighter version of the original color is **85.7194, 88.9079, 82.4551**, and **33.0069, 28.7000, 20.3230** is the 20% darker color. If you saturate the color by 10%, you get **57.6375, 48.8173, 32.3720**, and if you desaturate by 10%, it is **70.6732, 67.4203, 59.7415**.

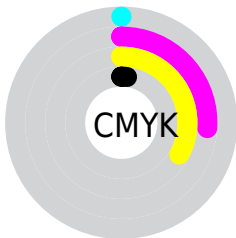
# Distribution



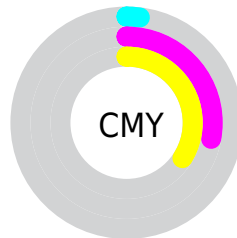
- Red (98%)
- Green (72%)
- Blue (66%)



- Red (98%)
- Yellow (74%)
- Blue (66%)



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



- Cyan (2%)
- Magenta (28%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6327, 57.4321, 44.7775 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 63.6327, 57.4321, 44.7775 by changing the saturation by 10% instead.





 63.6327, 57.4321,  
44.7775

 63.6327, 57.4321,  
44.7775


427.4853,  
415.0665, 382.0055

 46.6138, 41.3523,  
30.9405


 109.1585,  
101.0954, 83.7013

 32.9371, 28.5944,  
20.2955


 138.3961,  
129.4477, 109.6253

 22.2373, 18.7742,  
12.4238


172.4373,  
162.6595, 140.4153

 14.1489, 11.5073,  
6.9070

211.6476,  
201.1153, 176.4900

 8.3067, 6.4091,  
3.3264

256.3921,  
245.1996, 218.2678

 4.3453, 3.0954,  
1.2636

307.0364,

 1.8993, 1.1817,

295.2966, 266.1672

0.0317

363.9456,  
351.7907, 320.6070

■ 0.5764, 0.0467,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.6327, 57.4321,  
44.7775

■ 63.6327, 57.4321,  
44.7775

■ 57.6375, 48.8173,  
32.3720

■ 70.6732, 67.4203,  
59.7415

■ 52.6323, 41.5076,  
22.3777

■ 78.8016, 78.8303,  
77.3932

■ 48.5635, 35.4409,  
14.6375

■ 88.0637, 91.7179,  
97.8571

■ 45.3704, 30.5466,  
8.9739

■ 93.2344, 99.0640,  
108.8150

■ 42.9847, 26.7470,  
5.1828

■ 41.3268, 23.9542,  
3.0178

■ 40.5142, 22.5036,  
2.2083

# Harmonies

## Analogous

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



66.2148, 57.4321, 57.8354



63.6327, 57.4321, 44.7775



58.6711, 57.4321, 37.4906

# Triad

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



63.6327, 57.4321, 44.7775



44.9476, 57.4321, 51.7992



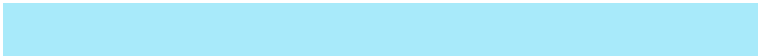
56.2883, 57.4321, 99.1841

# Complementary

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



63.6327, 57.4321, 44.7775



62.8256, 74.0701, 101.4283

# 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.



50.6979, 57.4321, 96.8005



63.6327, 57.4321, 44.7775



44.4079, 57.4321, 67.4800

# Square

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



63.6327, 57.4321, 44.7775



47.9727, 57.4321, 41.0241



46.4428, 57.4321, 84.4551



61.7840, 57.4321, 90.4913



# Rectangle

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



63.6327, 57.4321, 44.7775



54.8205, 57.4321, 35.9963



46.4428, 57.4321, 84.4551



54.3551, 57.4321, 99.6793

# Sweetspot

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



63.6342, 57.4348, 44.7787



85.0117, 86.0628, 86.6265



68.4179, 54.3261, 85.4523



17.9148, 18.0288, 17.9234



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.



63.6342, 57.4348, 44.7787



62.5251, 54.2899, 38.4366



73.1572, 76.4807, 47.9530



17.5188, 17.7735, 17.9697



21.5682, 12.0931, 1.1974



2.0676, 1.2601, 0.1342



# Inverse Universe

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



62.8256, 74.0701, 101.4283



61.5506, 73.9976, 105.6466



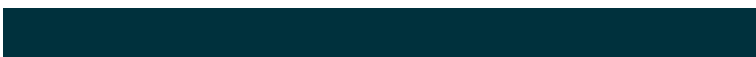
52.6887, 53.7963, 98.0493



17.4611, 18.9990, 22.1322



20.3597, 26.0750, 51.9335



1.9567, 2.5571, 4.8336



# Previews

## White Background



This preview shows how the XYZ color 63.6327, 57.4321, 44.7775 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 63.6327, 57.4321, 44.7775 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 63.6327, 57.4321, 44.7775**

## **Background**



This preview shows how black text looks on a background with the XYZ color 63.6327, 57.4321, 44.7775.



This preview shows how white text looks on a background with the XYZ color 63.6327, 57.4321,

44.7775.

# 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

63.6327, 57.4321, 44.7775

### Protanopia

54.5544, 57.5367, 49.3047

### Deuteranopia

58.6876, 57.4414, 44.0705



## Tritanopia

66.5669, 57.4202, 58.6137

# Trichromacy



## Original Color

63.6327, 57.4321, 44.7775

## Protanomaly

57.5751, 57.4480, 47.5892

## Deuteranomaly

60.4325, 57.3624, 44.4461

## Tritanomaly

65.4257, 57.2460, 53.5002

# Monochromacy



## Original Color

63.6327, 57.4321, 44.7775

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

58.0228, 57.8080, 56.8151

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.6327, 57.4321, 44.7775 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(250, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 184, 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(250, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 184, 168) }
```

## Border

The CSS property to change the border of an element to XYZ 63.6327, 57.4321, 44.7775 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(250, 184, 168) }
```



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

```
.border{ border-color:rgb(250, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 184,  
168) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.6327, 57.4321, 44.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 184, 168) }
```

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

```
.background{ background-color: rgb(250,  
184, 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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