

# Converting Colors

XYZ(81.4332, 69.9778, 54.3519)

Have a look what the booklet for  
XYZ(81.4332, 69.9778, 54.3519)  
contains.

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# Color

**XYZ(69.4068, 63.7509,  
53.9944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFC3B8
RGB	255, 195, 184
RGB Percent	100%, 76%, 72%
CMY	0.0000, 0.2353, 0.2784
CMYK	0.00, 0.24, 0.28, 0.00
HSL	9°, 100%, 86%
HSV	9°, 28%, 100%
XYZ	69.4068, 63.7509, 53.9944
YIQ	211.6860, 39.2910, 9.2990

# Conversions

## Conversions Part 2

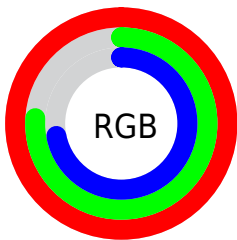
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 197, 184
Decimal	16761784
CIE <sub>Lab</sub>	83.84, 19.93, 13.83
CIE <sub>LCh</sub>	84, 24.254, 34.755
Yxy	63.7509, 0.3709, 0.3406
Android (android.graphics.Color)	4294951864 (0xFFFFC3B8)
YUV	211.6860, -13.6492, 37.9864
Hunter-Lab	79.8442, 15.4389, 15.7962

# Details

The XYZ color **69.4068, 63.7509, 53.9944** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1667, 82.1089, 106.7582**, and the grayscale version is **62.4417, 65.6935, 71.5402**.

A 20% lighter version of the original color is **91.7786, 97.1721, 96.3569**, and **36.6476, 32.5588, 25.8257** is the 20% darker color. If you saturate the color by 10%, you get **62.4866, 53.8094, 39.6674**, and if you desaturate by 10%, it is **77.5088, 75.2843, 71.0938**.

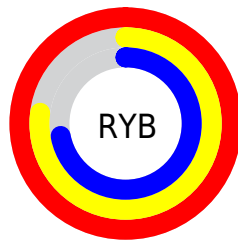
# Distribution



Red (100%)

Green (76%)

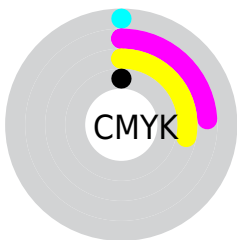
Blue (72%)



Red (100%)

Yellow (77%)

Blue (72%)

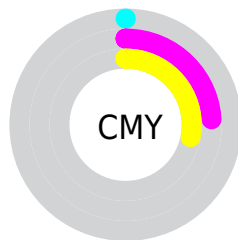


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4068, 63.7509, 53.9944 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 69.4068, 63.7509, 53.9944 by changing the saturation by 10% instead.





 69.4068, 63.7509,  
53.9944

 69.4068, 63.7509,  
53.9944


447.7634,  
438.2895, 419.2627

 51.3209, 46.4489,  
38.2040


 117.3933,  
110.2521, 97.5223

 36.6862, 32.6002,  
25.8380


148.0247,  
140.2202, 126.0970

 25.1371, 21.8204,  
16.4778


183.5685,  
175.1790, 159.7702

 16.3085, 13.7250,  
9.7049

224.3903,  
215.5131, 198.9604

 9.8350, 7.9296,  
5.1007

270.8553,  
261.6068, 244.0862

 5.3511, 4.0500,  
2.2467


323.3289,

 2.4916, 1.7015,


313.8445, 295.5662


0.7011


382.1765,  
372.6106, 353.8188

 0.8910, 0.4247,  
0.0000


 0.0000, 0.0000,  
0.0000


 69.4068, 63.7509,  
53.9944


 69.4068, 63.7509,  
53.9944

 62.4866, 53.8094,  
39.6674


 77.5088, 75.2843,  
71.0938

 56.6876, 45.3813,  
27.9625

 86.8396, 88.4663,  
91.0971

 51.9515, 38.3944,  
18.7214

95.0500, 100.0000,  
108.9000

 48.2121, 32.7674,  
11.7666

■ 45.3962, 28.4105,  
6.8971

■ 43.4193, 25.2229,  
3.8765

■ 42.1773, 23.0864,  
2.3911

■ 41.9829, 22.7458,  
2.1776

# Harmonies

## Analogous

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



71.3878, 63.7509, 67.0099



69.4068, 63.7509, 53.9944



65.0688, 63.7509, 46.1127

# Triad

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



69.4068, 63.7509, 53.9944



51.7907, 63.7509, 57.6367



61.4466, 63.7509, 102.9535

# Complementary

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



69.4068, 63.7509, 53.9944



70.1667, 82.1089, 106.7582

# 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.



56.3279, 63.7509, 99.4799



69.4068, 63.7509, 53.9944



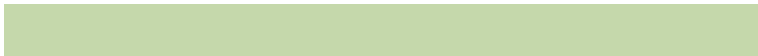
50.9458, 63.7509, 71.8747

# Square

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



69.4068, 63.7509, 53.9944



54.9383, 63.7509, 47.9895



52.5594, 63.7509, 87.5206



66.6236, 63.7509, 96.4200



# Rectangle

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



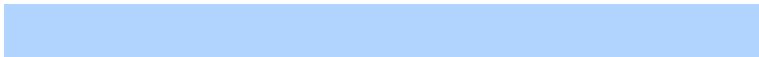
69.4068, 63.7509, 53.9944



61.5347, 63.7509, 44.1026



52.5594, 63.7509, 87.5206



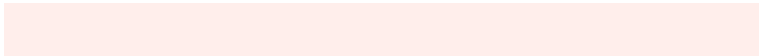
59.6615, 63.7509, 102.9251

# Sweetspot

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



69.4084, 63.7538, 53.9957



86.6830, 88.2457, 90.7590



74.7632, 62.0945, 93.9120



18.2366, 18.4415, 18.7427



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.



69.4084, 63.7538, 53.9957



65.6948, 58.4313, 46.2690



78.2306, 81.3982, 56.9364



18.2366, 18.4415, 18.7427



22.0041, 12.0194, 1.1602

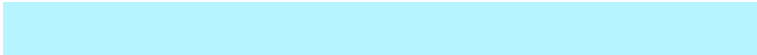


2.2054, 1.2961, 0.1339

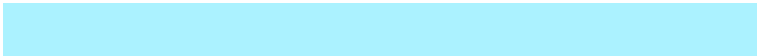


# Inverse Universe

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



70.1667, 82.1089, 106.7582



66.5511, 79.3395, 106.4142



60.5814, 62.9383, 103.5631



18.3009, 19.9735, 23.1407



22.2825, 29.4746, 53.9493



2.2314, 2.9934, 5.2735



# Previews

## White Background



This preview shows how the XYZ color 69.4068, 63.7509, 53.9944 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 69.4068, 63.7509, 53.9944 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 69.4068, 63.7509, 53.9944

## Background



This preview shows how black text looks on a background with the XYZ color 69.4068, 63.7509, 53.9944.



This preview shows how white text looks on a background with the XYZ color 69.4068, 63.7509,



# 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

69.4068, 63.7509, 53.9944

### Protanopia

60.8197, 64.1142, 58.4600

### Deuteranopia

65.2644, 64.0107, 53.7152



## Tritanopia

71.5724, 63.9049, 67.5941

# Trichromacy



## Original Color

69.4068, 63.7509, 53.9944

## Protanomaly

63.6250, 63.8055, 56.5392

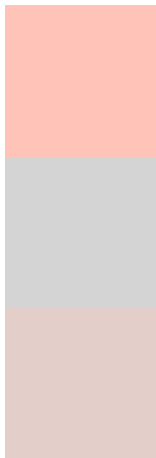
## Deuteranomaly

66.6269, 63.6782, 53.5793

## Tritanomaly

70.8406, 63.9671, 62.6460

# Monochromacy



## Original Color

69.4068, 63.7509, 53.9944

## Achromatopsia

62.5785, 65.8375, 71.6970

## Achromatomaly

64.7269, 64.9009, 64.9928

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.4068, 63.7509, 53.9944 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(255, 195, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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(255, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 69.4068, 63.7509, 53.9944 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(255, 195, 184) }
```



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

```
.border{ border-color:rgb(255, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.4068, 63.7509, 53.9944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 184) }
```

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

```
.background{ background-color: rgb(255,  
195, 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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