

# Converting Colors

XYZ(69.3889, 63.8313, 53.6298)

Have a look what the booklet for  
XYZ(69.3889, 63.8313, 53.6298)  
contains.

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# Color

**XYZ(69.3024, 63.7091,  
53.4442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC3B7
RGB	255, 195, 183
RGB Percent	100%, 76%, 72%
CMY	0.0000, 0.2353, 0.2823
CMYK	0.00, 0.24, 0.28, 0.00
HSL	10°, 100%, 86%
HSV	10°, 28%, 100%
XYZ	69.3024, 63.7091, 53.4442
YIQ	211.5720, 39.6120, 8.9880

# Conversions

## Conversions Part 2

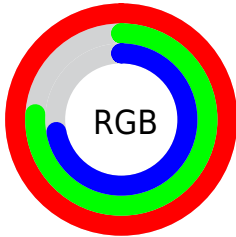
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 197, 183
Decimal	16761783
CIE <sub>Lab</sub>	83.81, 19.80, 14.33
CIE <sub>LCh</sub>	84, 24.437, 35.898
Yxy	63.7091, 0.3717, 0.3417
Android (android.graphics.Color)	4294951863 (0xFFFFC3B7)
YUV	211.5720, -14.0860, 38.0864
Hunter-Lab	79.8180, 15.3021, 16.1734

# Details

The XYZ color **69.3024, 63.7091, 53.4442** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6280, 81.3858, 106.6470**, and the grayscale version is **62.3687, 65.6167, 71.4566**.

A 20% lighter version of the original color is **91.6304, 97.1128, 95.5766**, and **36.5801, 32.5318, 25.4704** is the 20% darker color. If you saturate the color by 10%, you get **62.4581, 53.8902, 39.2332**, and if you desaturate by 10%, it is **77.3081, 75.0810, 70.4160**.

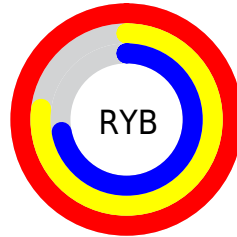
# Distribution



Red (100%)

Green (76%)

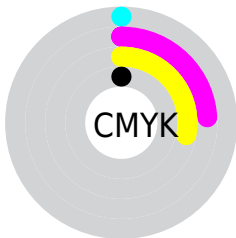
Blue (72%)



Red (100%)

Yellow (77%)

Blue (72%)

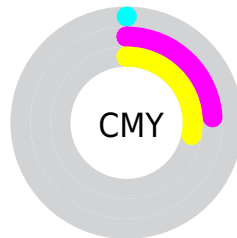


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3024, 63.7091, 53.4442 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 69.3024, 63.7091, 53.4442 by changing the saturation by 10% instead.





 69.3024, 63.7091,  
53.4442

 69.3024, 63.7091,  
53.4442


447.4015,  
438.1384, 417.1016

 51.2356, 46.4151,  
37.7673


 117.2451,  
110.1919, 96.7058

 36.6179, 32.5735,  
25.5017


147.8517,  
140.1495, 125.1277

 25.0841, 21.7999,  
16.2288


183.3688,  
175.0970, 158.6350

 16.2688, 13.7100,  
9.5301

224.1620,  
215.4190, 197.6462

 9.8066, 7.9192,  
4.9870

270.5965,  
261.4997, 242.5800

 5.3322, 4.0433,  
2.1811


323.0377,


 2.4802, 1.6978,


313.7236, 293.8547


0.6634


381.8509,  
372.4750, 351.8891


 0.8853, 0.4222,  
0.0000


 0.0000, 0.0000,  
0.0000


 69.3024, 63.7091,  
53.4442


 69.3024, 63.7091,  
53.4442

 62.4581, 53.8902,  
39.2332


 77.3081, 75.0810,  
70.4160

 56.7161, 45.5483,  
27.6328

 86.5214, 88.0605,  
90.2802

 52.0192, 38.6140,  
18.4843

95.0500, 100.0000,  
108.9000

 48.3026, 33.0089,  
11.6104

■ 45.4945, 28.6464,  
6.8093

■ 43.5124, 25.4298,  
3.8435

■ 42.2522, 23.2449,  
2.3890

■ 42.0864, 22.9529,  
2.2121

# Harmonies

## Analogous

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



71.4079, 63.7091, 66.3759



69.3024, 63.7091, 53.4442



64.8656, 63.7091, 45.7394

# Triad

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



69.3024, 63.7091, 53.4442



51.6149, 63.7091, 57.9873



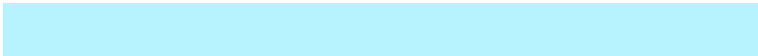
61.6201, 63.7091, 103.1096

# Complementary

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



69.3024, 63.7091, 53.4442



69.6280, 81.3858, 106.6470

# 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.



56.4370, 63.7091, 99.9900



69.3024, 63.7091, 53.4442



50.8590, 63.7091, 72.4495

# Square

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



69.3024, 63.7091, 53.4442



54.7028, 63.7091, 48.0786



52.5739, 63.7091, 88.1778



66.8073, 63.7091, 96.1651



# Rectangle

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



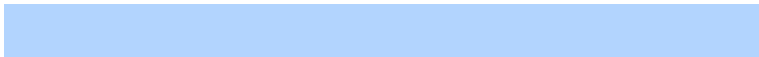
69.3024, 63.7091, 53.4442



61.2947, 63.7091, 43.8712



52.5739, 63.7091, 88.1778



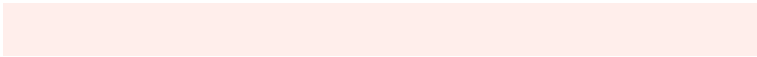
59.8185, 63.7091, 103.2148

# Sweetspot

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



69.3039, 63.7120, 53.4455



86.7526, 88.3850, 90.7823



74.3515, 61.5987, 92.7652



18.2540, 18.4762, 18.7485



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.



69.3039, 63.7120, 53.4455



65.2191, 57.8648, 44.9241



78.3635, 81.8311, 56.4653



18.2540, 18.4762, 18.7485



22.0623, 12.1358, 1.1796

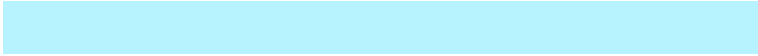


2.2136, 1.3126, 0.1367



# Inverse Universe

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



69.6280, 81.3858, 106.6470



65.5829, 78.2187, 106.2489



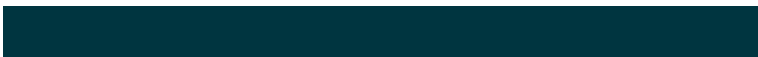
59.8919, 61.9136, 103.4016



18.2819, 19.9354, 23.1343



21.8919, 28.6935, 53.8191

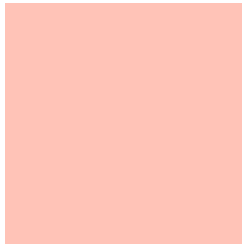


2.1969, 2.9245, 5.2620



# Previews

## White Background



This preview shows how the XYZ color 69.3024, 63.7091, 53.4442 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

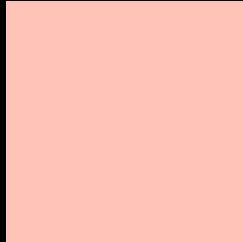
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.3024, 63.7091, 53.4442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

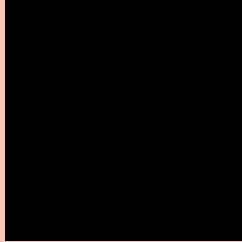
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 69.3024, 63.7091, 53.4442

## Background



This preview shows how black text looks on a background with the XYZ color 69.3024, 63.7091, 53.4442.



This preview shows how white text looks on a background with the XYZ color 69.3024, 63.7091,

53.4442.

# 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

69.3024, 63.7091, 53.4442

### Protanopia

61.0082, 64.2241, 57.8962

### Deuteranopia

65.1606, 63.9692, 53.1689



## Tritanopia

71.4505, 63.8562, 66.9521

# Trichromacy



## Original Color

69.3024, 63.7091, 53.4442

## Protanomaly

63.5175, 63.7625, 55.9734

## Deuteranomaly

66.5231, 63.6367, 53.0329

## Tritanomaly

70.7248, 63.9208, 62.0364

# Monochromacy



## Original Color

69.3024, 63.7091, 53.4442

## Achromatopsia

62.5785, 65.8375, 71.6970

## Achromatomaly

64.6088, 64.8536, 64.3711

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.3024, 63.7091, 53.4442 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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(255, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 183) }
```

## Border

The CSS property to change the border of an element to XYZ 69.3024, 63.7091, 53.4442 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, 183) }
```



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

```
.border{ border-color:rgb(255, 195, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
183) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.3024, 63.7091, 53.4442 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, 183) }
```

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

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