

# Converting Colors

XYZ(69.8214, 66.3764, 55.0695)

Have a look what the booklet for  
XYZ(69.8214, 66.3764, 55.0695)  
contains.

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# Color

**XYZ(69.6611, 66.2531,  
55.0155)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBCAB9
RGB	251, 202, 185
RGB Percent	98%, 79%, 73%
CMY	0.0157, 0.2078, 0.2745
CMYK	0.00, 0.20, 0.26, 0.02
HSL	15°, 89%, 85%
HSV	15°, 26%, 98%
XYZ	69.6611, 66.2531, 55.0155
YIQ	214.7130, 34.6610, 5.1010

# Conversions

## Conversions Part 2

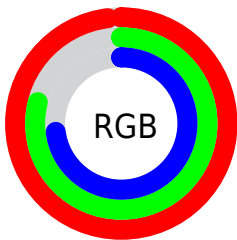
Format	Color
R <sub>Y</sub> B	251, 208, 185
Decimal	16501433
CIE Lab	85.13, 14.92, 15.06
CIE LCh	85, 21.197, 45.267
Yxy	66.2531, 0.3649, 0.3470
Android (android.graphics.Color)	4294691513 (0xFFFB CAB9)
YUV	214.7130, -14.6485, 31.8237
Hunter-Lab	81.3960, 10.3225, 16.9031

# Details

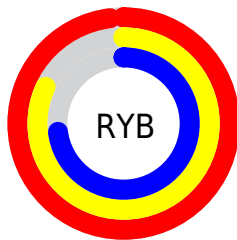
The XYZ color **69.6611, 66.2531, 55.0155** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8420, 76.1225, 102.4371**, and the grayscale version is **64.4782, 67.8361, 73.8735**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **37.0029, 34.3151, 26.5030** is the 20% darker color. If you saturate the color by 10%, you get **63.1309, 57.0651, 40.8999**, and if you desaturate by 10%, it is **77.1905, 76.6901, 71.7734**.

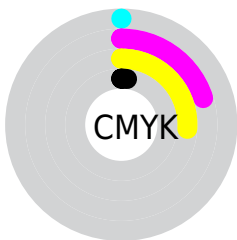
# Distribution



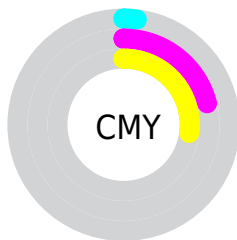
- Red (98%)
- Green (79%)
- Blue (73%)



- Red (98%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (21%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6611, 66.2531, 55.0155 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 69.6611, 66.2531, 55.0155 by changing the saturation by 10% instead.




 69.6611, 66.2531,  
55.0155

 69.6611, 66.2531,  
55.0155


448.6442,  
447.2815, 423.2543

 51.5289, 48.4779,  
39.0154


 117.7542,  
113.8495, 99.0350

 36.8525, 34.2055,  
26.4638


148.4459,  
144.4395, 127.8916

 25.2664, 23.0515,  
16.9421


184.0547,  
180.0699, 161.8708

 16.4054, 14.6315,  
10.0317

224.9461,  
221.1251, 201.3911

 9.9042, 8.5612,  
5.3141

271.4854,  
267.9894, 246.8710

 5.3972, 4.4561,  
2.3708

324.0379,

 2.5193, 1.9318,

321.0474, 298.7292

0.7705

382.9691,  
380.6833, 357.3841

■ 0.9050, 0.5674,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 69.6611, 66.2531,  
55.0155

■ 69.6611, 66.2531,  
55.0155

■ 63.1309, 57.0651,  
40.8999

■ 77.1905, 76.6901,  
71.7734

■ 57.5513, 49.0697,  
29.2866

■ 85.7545, 88.4115,  
91.2954

■ 52.8775, 42.2196,  
20.0290

■ 93.5937, 99.2493,  
108.8318

■ 49.0585, 36.4605,  
12.9635

■ 46.0380, 31.7339,  
7.9050

■ 43.7521, 27.9747,  
4.6376

■ 42.1247, 25.1098,  
2.8935

■ 41.6552, 24.2522,  
2.4857

# Harmonies

## Analogous

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



72.2564, 66.2531, 65.4299



69.6611, 66.2531, 55.0155



65.3369, 66.2531, 49.5677

# Triad

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



69.6611, 66.2531, 55.0155



54.4982, 66.2531, 65.6520



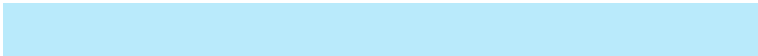
65.4217, 66.2531, 100.6133

# Complementary

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



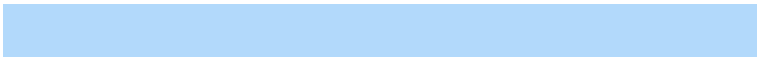
69.6611, 66.2531, 55.0155



66.8420, 76.1225, 102.4371

# 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.



60.6640, 66.2531, 100.6925



69.6611, 66.2531, 55.0155



54.5183, 66.2531, 79.2904

# Square

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



69.6611, 66.2531, 55.0155



56.6682, 66.2531, 55.1603



56.7247, 66.2531, 92.4896



69.7259, 66.2531, 92.2852



# Rectangle

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



69.6611, 66.2531, 55.0155



62.1320, 66.2531, 48.9829



56.7247, 66.2531, 92.4896



63.8187, 66.2531, 101.6372

# Sweetspot

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



69.6629, 66.2562, 55.0169



87.2954, 89.4706, 90.9632



72.0563, 61.1771, 86.2300



18.3898, 18.7477, 18.7938



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

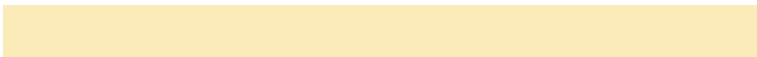
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6629, 66.2562, 55.0169



68.2080, 63.0655, 48.3163



78.1064, 83.1431, 57.8314



17.6081, 17.9521, 17.9994



21.9944, 12.9454, 1.3395



2.1187, 1.3622, 0.1513



# Inverse Universe

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



66.8420, 76.1225, 102.4371



64.7880, 74.9815, 105.6659



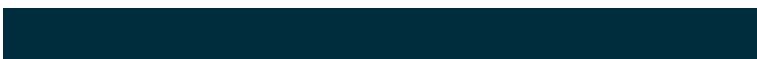
58.4242, 59.2869, 99.6311



17.3651, 18.8071, 22.1002



18.5426, 22.4408, 51.3278



1.8026, 2.2490, 4.7823



# Previews

## White Background



This preview shows how the XYZ color 69.6611, 66.2531, 55.0155 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

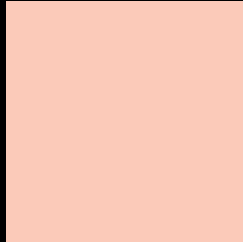
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.6611, 66.2531, 55.0155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

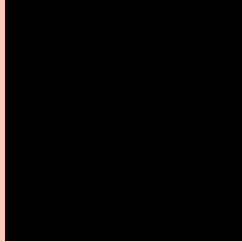
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 69.6611, 66.2531, 55.0155

## Background



This preview shows how black text looks on a background with the XYZ color 69.6611, 66.2531, 55.0155.



This preview shows how white text looks on a background with the XYZ color 69.6611, 66.2531,

55.0155.

# 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

69.6611, 66.2531, 55.0155

### Protanopia

62.9619, 66.3343, 58.2005

### Deuteranopia

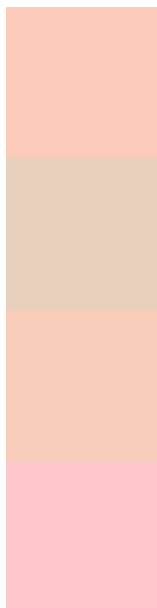
67.7913, 66.3564, 54.5825



## Tritanopia

73.0774, 66.2631, 71.8893

# Trichromacy



## Original Color

69.6611, 66.2531, 55.0155

## Protanomaly

65.2372, 66.0662, 56.8906

## Deuteranomaly

68.6024, 66.4206, 54.5521

## Tritanomaly

71.7109, 66.0413, 65.4676

# Monochromacy



## Original Color

69.6611, 66.2531, 55.0155

## Achromatopsia

64.5905, 67.9542, 74.0022

## Achromatomaly

65.9406, 66.9468, 66.5733

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.6611, 66.2531, 55.0155 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, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(251, 202, 185)  
}
```

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, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 202, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 69.6611, 66.2531, 55.0155 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, 202, 185) }
```



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

```
.border{ border-color:rgb(251, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 202, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 202, 185);  
box-shadow:4px 4px 4px 4px rgb(251, 202,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.6611, 66.2531, 55.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 202, 185) }
```

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

```
.background{ background-color: rgb(251,  
202, 185) }
```

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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