

# Converting Colors

XYZ(72.0260, 69.8949, 55.6086)

Have a look what the booklet for  
XYZ(72.0260, 69.8949, 55.6086)  
contains.

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# **Color**

**XYZ(72.0654, 69.9864,  
55.6094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDD1B9
RGB	253, 209, 185
RGB Percent	99%, 82%, 73%
CMY	0.0078, 0.1804, 0.2745
CMYK	0.00, 0.17, 0.27, 0.01
HSL	21°, 94%, 86%
HSV	21°, 27%, 99%
XYZ	72.0654, 69.9864, 55.6094
YIQ	219.4200, 33.9280, 1.8640

# Conversions

## Conversions Part 2

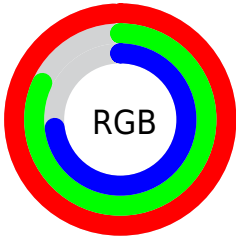
Format	Color
R <sub>Y</sub> B	253, 222, 185
Decimal	16634297
CIE Lab	86.99, 12.01, 17.70
CIE LCh	87, 21.391, 55.849
Yxy	69.9864, 0.3646, 0.3541
Android (android.graphics.Color)	4294824377 (0xFFFD1B9)
YUV	219.4200, -16.9691, 29.4497
Hunter-Lab	83.6579, 7.3640, 19.1490

# Details

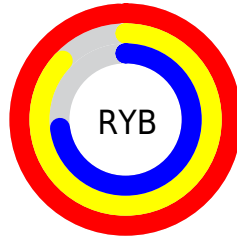
The XYZ color **72.0654, 69.9864, 55.6094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7557, 73.4424, 103.6387**, and the grayscale version is **67.7229, 71.2498, 77.5910**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **38.3919, 36.7107, 26.8922** is the 20% darker color. If you saturate the color by 10%, you get **65.8172, 61.3903, 41.5016**, and if you desaturate by 10%, it is **79.2053, 79.6043, 72.3606**.

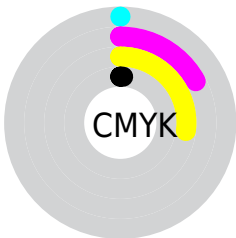
# Distribution



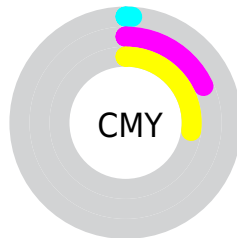
- Red (99%)
- Green (82%)
- Blue (73%)



- Red (99%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (1%)




- Cyan (1%)
- Magenta (18%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0654, 69.9864, 55.6094 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 72.0654, 69.9864, 55.6094 by changing the saturation by 10% instead.





 72.0654, 69.9864,  
55.6094

 72.0654, 69.9864,  
55.6094


456.9233,  
460.5023, 425.5647

 53.4978, 51.5154,  
39.4879


 121.1598,  
119.1894, 99.9133

 38.4293, 36.6190,  
26.8288


152.4173,  
150.6902, 128.9329

 26.4948, 24.9126,  
17.2134


188.6354,  
187.3030, 163.0889

 17.3288, 16.0120,  
10.2232

230.1795,  
229.4124, 202.7999

 10.5659, 9.5326,  
5.4396

277.4150,  
277.4026, 248.4845

 5.8409, 5.0902,  
2.4442

330.7073,

 2.7883, 2.3003,

331.6580, 300.5611

0.8104

390.4216,  
392.5631, 359.4483

■ 1.0428, 0.7739,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 72.0654, 69.9864,  
55.6094

■ 72.0654, 69.9864,  
55.6094

■ 65.8172, 61.3903,  
41.5016

■ 79.2053, 79.6043,  
72.3606

■ 60.4174, 53.7715,  
29.8960

■ 87.2665, 90.2675,  
91.8777

■ 55.8274, 47.0962,  
20.6447

■ 94.3181, 99.6227,  
108.8657

■ 52.0031, 41.3247,  
13.5824

■ 48.8951, 36.4143,  
8.5218

■ 46.4475, 32.3178,  
5.2436

■ 44.5921, 28.9814,  
3.4706

■ 44.1066, 28.0798,  
3.0953

# Harmonies

## Analogous

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



75.5544, 69.9864, 64.8157



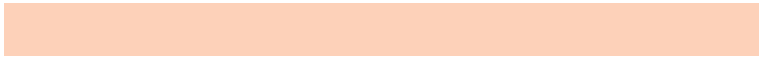
72.0654, 69.9864, 55.6094



67.2184, 69.9864, 51.9043

# Triad

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



72.0654, 69.9864, 55.6094



57.3829, 69.9864, 74.2273



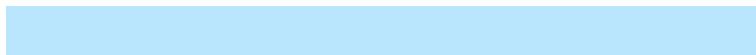
70.8012, 69.9864, 103.7709

# Complementary

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



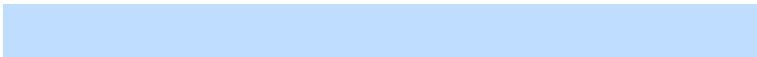
72.0654, 69.9864, 55.6094



65.7557, 73.4424, 103.6387

# 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.



65.8264, 69.9864, 107.1025



72.0654, 69.9864, 55.6094



58.2361, 69.9864, 88.8522

# Square

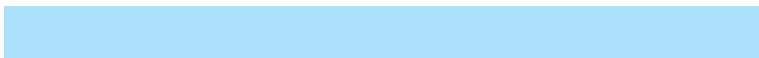
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0654, 69.9864, 55.6094



58.8753, 69.9864, 61.7655



61.2666, 69.9864, 101.3412



74.7993, 69.9864, 92.7321



# Rectangle

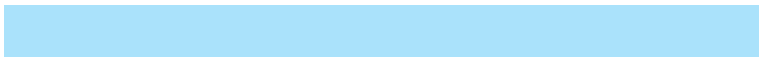
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0654, 69.9864, 55.6094



63.9282, 69.9864, 52.6625



61.2666, 69.9864, 101.3412



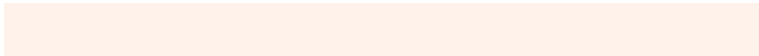
69.1808, 69.9864, 105.8841

# Sweetspot

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



72.0672, 69.9896, 55.6108



87.8708, 90.6213, 91.1550



72.0283, 61.2496, 82.3018



18.5339, 19.0360, 18.8418



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.



72.0672, 69.9896, 55.6108



69.9906, 66.6306, 48.9105



81.2561, 88.3673, 58.6738



18.5339, 19.0360, 18.8418



23.5867, 15.1846, 1.6878

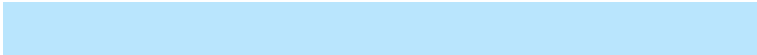


2.3948, 1.6749, 0.1971

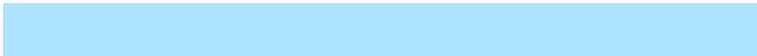


# Inverse Universe

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



65.7557, 73.4424, 103.6387



62.6212, 70.6480, 104.9437



57.2979, 56.5269, 100.8195



17.9837, 19.3390, 23.0349



16.6060, 18.1216, 52.0572

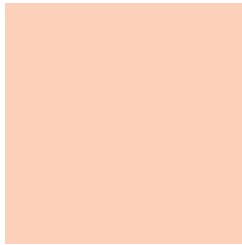


1.7198, 1.9702, 5.1029



# Previews

## White Background



This preview shows how the XYZ color 72.0654, 69.9864, 55.6094 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

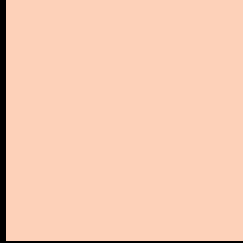
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.0654, 69.9864, 55.6094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

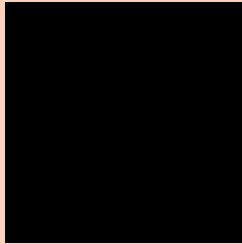
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.0654, 69.9864, 55.6094**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.0654, 69.9864, 55.6094.



This preview shows how white text looks on a background with the XYZ color 72.0654, 69.9864,

55.6094.

# 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

72.0654, 69.9864, 55.6094

### Protanopia

66.3113, 69.9578, 58.1523

### Deuteranopia

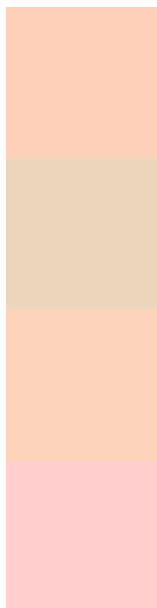
71.5872, 70.1052, 55.6575



## Tritanopia

75.9896, 70.0900, 77.2338

# Trichromacy



## Original Color

72.0654, 69.9864, 55.6094

## Protanomaly

68.3836, 69.9011, 57.4650

## Deuteranomaly

71.9484, 70.2914, 55.6744

## Tritanomaly

74.2068, 69.7184, 68.5774

# Monochromacy



## Original Color

72.0654, 69.9864, 55.6094

## Achromatopsia

67.3311, 70.8376, 77.1421

## Achromatomaly

68.5179, 70.0948, 68.9498

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.0654, 69.9864, 55.6094 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(253, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(253, 209, 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(253, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 209, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 72.0654, 69.9864, 55.6094 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(253, 209, 185) }
```



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

```
.border{ border-color:rgb(253, 209, 185) }
```

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

Here you see how a box with a 4 pixel rgb(253, 209, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 209, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 209, 185);  
box-shadow:4px 4px 4px 4px rgb(253, 209,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.0654, 69.9864, 55.6094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 209, 185) }
```

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

```
.background{ background-color: rgb(253,  
209, 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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