

# Converting Colors

XYZ(72.7358, 72.5708, 55.5214)

Have a look what the booklet for XYZ(72.7358, 72.5708, 55.5214) contains.

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# Color

**XYZ(72.7358, 72.5708,  
55.5214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD7B8
RGB	251, 215, 184
RGB Percent	98%, 84%, 72%
CMY	0.0157, 0.1568, 0.2784
CMYK	0.00, 0.14, 0.27, 0.02
HSL	28°, 89%, 85%
HSV	28°, 27%, 98%
XYZ	72.7358, 72.5708, 55.5214
YIQ	222.2300, 31.4070, -2.0090

# Conversions

## Conversions Part 2

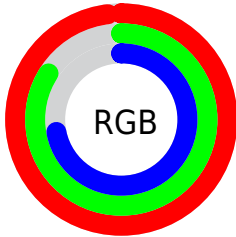
Format	Color
RYB	251, 242, 184
Decimal	16504760
CIELab	88.24, 8.02, 19.95
CIELCh	88, 21.498, 68.097
Yxy	72.5708, 0.3622, 0.3614
Android (android.graphics.Color)	4294694840 (0xFFFFBD7B8)
YUV	222.2300, -18.8474, 25.2313
Hunter-Lab	85.1885, 3.3273, 20.9898

# Details

The XYZ color **72.7358, 72.5708, 55.5214** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.7723, 68.3398, 101.1494**, and the grayscale version is **69.7088, 73.3390, 79.8662**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **38.9157, 38.2496, 26.8046** is the 20% darker color. If you saturate the color by 10%, you get **67.0417, 65.0260, 41.7740**, and if you desaturate by 10%, it is **79.1836, 80.8751, 71.8247**.

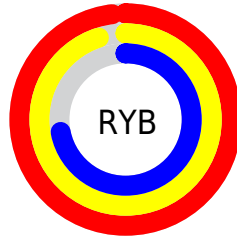
# Distribution



Red (98%)

Green (84%)

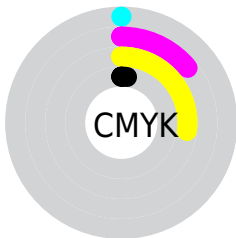
Blue (72%)



Red (98%)

Yellow (95%)

Blue (72%)

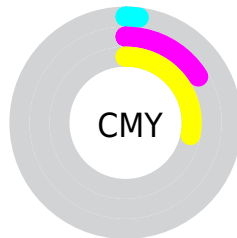


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (2%)



Cyan (2%)

Magenta (16%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7358, 72.5708, 55.5214 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 72.7358, 72.5708, 55.5214 by changing the saturation by 10% instead.





 72.7358, 72.5708,  
55.5214

 72.7358, 72.5708,  
55.5214


459.2166,  
469.5259, 425.2229

 54.0476, 53.6251,  
39.4179


 122.1072,  
122.8677, 99.7833

 38.8705, 38.3020,  
26.7747


153.5211,  
154.9877, 128.7787

 26.8393, 26.2172,  
17.1731


189.9076,  
192.2679, 162.9086

 17.5885, 16.9862,  
10.1947

231.6321,  
235.0927, 202.5914

 10.7529, 10.2246,  
5.4210

279.0599,  
283.8465, 248.2457

 5.9670, 5.5482,  
2.4333

332.5563,

 2.8655, 2.5723,

338.9137, 300.2900

0.8045

392.4868,  
400.6787, 359.1429

■ 1.0830, 0.9128,  
0.0000

■ 0.0108, 0.0000,  
0.0000

■ 72.7358, 72.5708,  
55.5214

■ 72.7358, 72.5708,  
55.5214

■ 67.0417, 65.0260,  
41.7740

■ 79.1836, 80.8751,  
71.8247

■ 62.0641, 58.2072,  
30.4458

■ 86.4089, 89.9511,  
90.8021

■ 57.7710, 52.0930,  
21.3940

■ 93.5937, 99.2493,  
108.8318

■ 54.1251, 46.6566,  
14.4589

■ 51.0849, 41.8692,  
9.4593

■ 48.6026, 37.6988,  
6.1835

■ 46.6198, 34.1086,  
4.3649

■ 46.0469, 33.0356,  
3.9496

# Harmonies

## Analogous

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



77.0646, 72.5708, 62.7821



72.7358, 72.5708, 55.5214



67.5912, 72.5708, 54.1389

# Triad

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



72.7358, 72.5708, 55.5214



59.6316, 72.5708, 83.0788



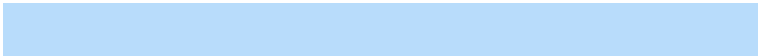
75.2670, 72.5708, 103.4970

# Complementary

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



72.7358, 72.5708, 55.5214



62.7723, 68.3398, 101.1494

# 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.



70.3803, 72.5708, 110.5439



72.7358, 72.5708, 55.5214



61.4748, 72.5708, 97.8346

# Square

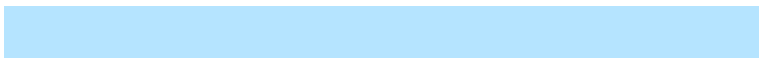
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7358, 72.5708, 55.5214



60.1923, 72.5708, 68.9053



65.3488, 72.5708, 108.3522



78.5759, 72.5708, 90.0730



# Rectangle

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



72.7358, 72.5708, 55.5214



64.4178, 72.5708, 56.5512



65.3488, 72.5708, 108.3522



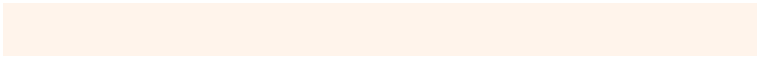
73.7450, 72.5708, 106.7617

# Sweetspot

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



72.7377, 72.5741, 55.5229



88.5405, 91.9607, 91.3782



69.9559, 60.0035, 76.1973



18.7021, 19.3725, 18.8979



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.



72.7377, 72.5741, 55.5229



72.1560, 70.9615, 49.6323



81.8957, 90.8900, 58.5756



17.9066, 18.5490, 18.0989



24.3464, 17.6494, 2.1235

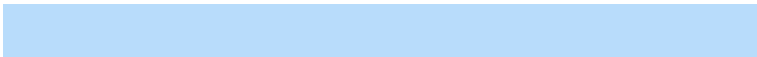


2.3597, 1.8443, 0.2316

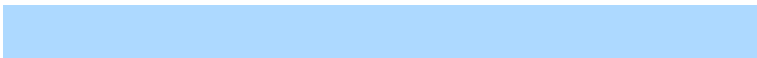


# Inverse Universe

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



62.7723, 68.3398, 101.1494



60.2465, 65.8986, 104.1521



55.0253, 52.8457, 98.5671



17.0554, 18.1877, 21.9969



13.8431, 13.0417, 49.7612

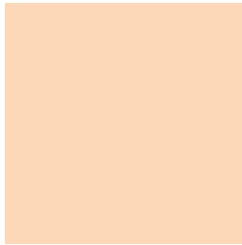


1.3882, 1.4201, 4.6441



# Previews

## White Background



This preview shows how the XYZ color 72.7358, 72.5708, 55.5214 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 72.7358, 72.5708, 55.5214 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 72.7358, 72.5708, 55.5214

## Background



This preview shows how black text looks on a background with the XYZ color 72.7358, 72.5708, 55.5214.



This preview shows how white text looks on a background with the XYZ color 72.7358, 72.5708,

55.5214.

# 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

72.7358, 72.5708, 55.5214

### Protanopia

68.4304, 72.6244, 57.4250

### Deuteranopia

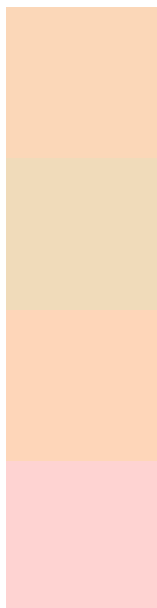
73.8972, 72.3937, 56.5329



## Tritanopia

77.6311, 72.2972, 81.0973

# Trichromacy



## Original Color

72.7358, 72.5708, 55.5214

## Protanomaly

70.1296, 72.7335, 56.7971

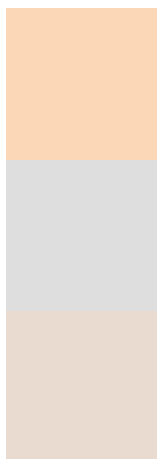
## Deuteranomaly

73.6766, 72.6667, 56.0419

## Tritanomaly

75.8002, 72.3125, 70.9354

# Monochromacy



## Original Color

72.7358, 72.5708, 55.5214

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.3210, 72.5407, 69.9700

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.7358, 72.5708, 55.5214 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, 215, 184) looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 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(251, 215, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 72.7358, 72.5708, 55.5214 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, 215, 184) }
```



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

```
.border{ border-color:rgb(251, 215, 184) }
```

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

Here you see how a box with a 4 pixel rgb(251, 215, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 215, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 215, 184);  
box-shadow:4px 4px 4px 4px rgb(251, 215,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.7358, 72.5708, 55.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 184) }
```

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

```
.background{ background-color: rgb(251,  
215, 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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