

# Converting Colors

XYZ(72.6907, 73.0813, 48.3284)

Have a look what the booklet for  
XYZ(72.6907, 73.0813, 48.3284)  
contains.

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# Color

**XYZ(72.6846, 73.0848,  
48.3061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED8AA
RGB	254, 216, 170
RGB Percent	100%, 85%, 67%
CMY	0.0039, 0.1529, 0.3333
CMYK	0.00, 0.15, 0.33, 0.00
HSL	33°, 98%, 83%
HSV	33°, 33%, 100%
XYZ	72.6846, 73.0848, 48.3061
YIQ	222.1180, 37.4140, -6.2500

# Conversions

## Conversions Part 2

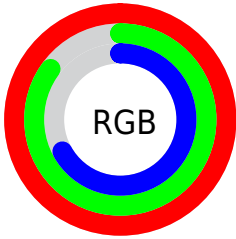
Format	Color
R <sub>Y</sub> B	239, 254, 170
Decimal	16701610
CIE Lab	88.49, 6.85, 27.61
CIE LCh	88, 28.452, 76.061
Yxy	73.0848, 0.3745, 0.3766
Android (android.graphics.Color)	4294891690 (0xFF FED8AA)
YUV	222.1180, -25.6942, 27.9605
Hunter-Lab	85.4896, 2.1565, 26.3408

# Details

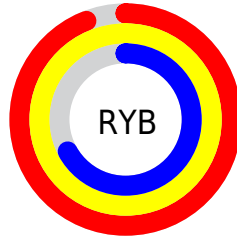
The XYZ color **72.6846, 73.0848, 48.3061** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.0222, 60.8117, 102.4985**, and the grayscale version is **69.6734, 73.3018, 79.8257**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **38.7207, 38.5099, 22.2220** is the 20% darker color. If you saturate the color by 10%, you get **67.6694, 66.5351, 35.9034**, and if you desaturate by 10%, it is **78.3737, 80.2386, 63.2252**.

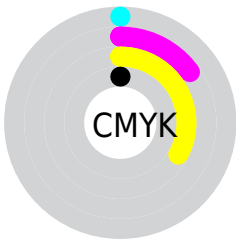
# Distribution



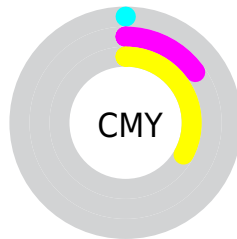
- Red (100%)
- Green (85%)
- Blue (67%)



- Red (94%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6846, 73.0848, 48.3061 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 72.6846, 73.0848, 48.3061 by changing the saturation by 10% instead.




 72.6846, 73.0848,  
48.3061

 72.6846, 73.0848,  
48.3061

459.0417,  
471.3087, 396.5478

 54.0056, 54.0453,  
33.7076


 122.0349,  
123.5976, 89.0303

 38.8368, 38.6379,  
22.3936


153.4369,  
155.8397, 115.9931

 26.8129, 26.4781,  
13.9453

189.8105,  
193.2514, 147.9144

 17.5686, 17.1817,  
7.9443

231.5213,  
236.2172, 185.2128

 10.7386, 10.3641,  
3.9721

278.9344,  
285.1214, 228.3068

 5.9573, 5.6410,  
1.6100

332.4152,

 2.8595, 2.6281,

340.3485, 277.6149

0.2980

392.3292,  
402.2827, 333.5557

■ 1.0799, 0.9408,  
0.0000

■ 0.0082, 0.0000,  
0.0000

■ 72.6846, 73.0848,  
48.3061

■ 72.6846, 73.0848,  
48.3061

■ 67.6694, 66.5351,  
35.9034

■ 78.3737, 80.2386,  
63.2252

■ 63.2913, 60.5602,  
25.8699

■ 84.7597, 88.0044,  
80.7876

■ 59.5184, 55.1431,  
18.0498

■ 91.8714, 96.4026,  
101.1168

■ 56.3131, 50.2617,  
12.2668

94.6831, 99.8109,  
108.8828

■ 53.6321, 45.8912,  
8.3168

■ 51.4242, 42.0034,  
5.9525

■ 50.1219, 39.5684,  
4.9958

# Harmonies

## Analogous

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



79.0062, 73.0848, 55.3977



72.6846, 73.0848, 48.3061



65.8859, 73.0848, 48.5658

# Triad

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



72.6846, 73.0848, 48.3061



57.5663, 73.0848, 90.4708



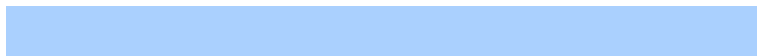
79.3826, 73.0848, 108.7107

# Complementary

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



72.6846, 73.0848, 48.3061



57.0222, 60.8117, 102.4985

# 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.



73.1713, 73.0848, 121.5858



72.6846, 73.0848, 48.3061



60.7245, 73.0848, 109.9314

# Square

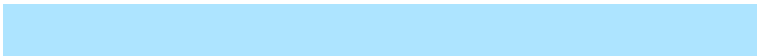
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6846, 73.0848, 48.3061



57.4550, 73.0848, 70.8360



66.3417, 73.0848, 122.0660



83.0417, 73.0848, 89.0089



# Rectangle

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



72.6846, 73.0848, 48.3061



61.9999, 73.0848, 52.8236



66.3417, 73.0848, 122.0660



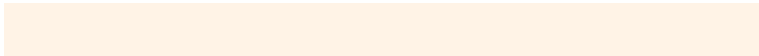
77.5063, 73.0848, 114.1128

# Sweetspot

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



72.6865, 73.0882, 48.3076



87.6430, 91.3255, 87.5036



66.7817, 54.4344, 67.4393



18.5492, 19.2976, 18.1348



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.



72.6865, 73.0882, 48.3076



69.7568, 69.0940, 39.7969



82.5536, 94.3325, 51.8881



18.8340, 19.6361, 18.9418



26.5744, 21.1600, 2.6837



2.6967, 2.2787, 0.2977

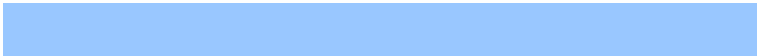


# Inverse Universe

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



57.0222, 60.8117, 102.4985



51.6417, 54.9019, 102.4831



49.4543, 44.7676, 99.8005



17.6797, 18.7309, 22.9336



12.7998, 10.5092, 50.7884



1.3537, 1.2380, 4.9809



# Previews

## White Background



This preview shows how the XYZ color 72.6846, 73.0848, 48.3061 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 72.6846, 73.0848, 48.3061 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

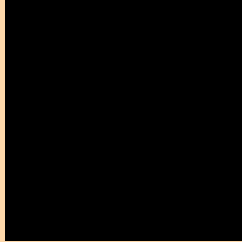
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.6846, 73.0848, 48.3061**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.6846, 73.0848, 48.3061.



This preview shows how white text looks on a background with the XYZ color 72.6846, 73.0848,



# 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

72.6846, 73.0848, 48.3061

### Protanopia

68.5892, 73.2642, 50.0615

### Deuteranopia

73.7787, 73.1562, 53.4120



## Tritanopia

77.9888, 73.2303, 80.5454

# Trichromacy



## Original Color

72.6846, 73.0848, 48.3061

## Protanomaly

70.0017, 73.2196, 49.4730

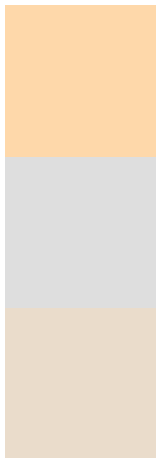
## Deuteranomaly

73.3769, 72.9955, 51.2964

## Tritanomaly

75.9333, 73.2081, 67.2552

# Monochromacy



## Original Color

72.6846, 73.0848, 48.3061

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.3044, 72.9906, 66.8831

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.6846, 73.0848, 48.3061 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(254, 216, 170)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 170)  
}
```

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(254, 216, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 170) }
```

## Border

The CSS property to change the border of an element to XYZ 72.6846, 73.0848, 48.3061 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(254, 216, 170) }
```



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

```
.border{ border-color:rgb(254, 216, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 170);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
170) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.6846, 73.0848, 48.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 170) }
```

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

```
.background{ background-color: rgb(254,  
216, 170) }
```

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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