

# Converting Colors

XYZ(73.2003, 72.7994, 69.8718)

Have a look what the booklet for  
XYZ(73.2003, 72.7994, 69.8718)  
contains.

<b>XYZ(73.2493, 72.8989, 69.8848)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(73.2493, 72.8989,  
69.8848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D8D0
RGB	244, 216, 208
RGB Percent	96%, 85%, 82%
CMY	0.0431, 0.1529, 0.1843
CMYK	0.00, 0.11, 0.15, 0.04
HSL	13°, 62%, 89%
HSV	13°, 15%, 96%
XYZ	73.2493, 72.8989, 69.8848
YIQ	223.4600, 19.2560, 3.4480

# Conversions

## Conversions Part 2

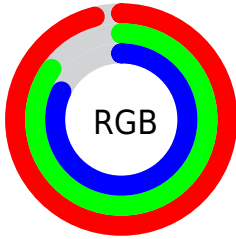
Format	Color
<a href="#">RYB</a>	<a href="#">244, 218, 208</a>
Decimal	<a href="#">16046288</a>
CIELab	<a href="#">88.40, 8.42, 7.48</a>
CIELCh	<a href="#">88, 11.260, 41.627</a>
Yxy	<a href="#">72.8989, 0.3391, 0.3374</a>
Android (android.graphics.Color)	<a href="#">4294236368</a> ( <a href="#">0xFFFF4D8D0</a> )
YUV	<a href="#">223.4600, -7.6218, 18.0136</a>
Hunter-Lab	<a href="#">85.3809, 3.7209, 11.2373</a>

# Details

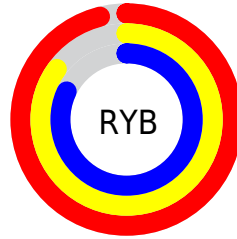
The XYZ color **73.2493, 72.8989, 69.8848** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3367, 79.9309, 97.2044**, and the grayscale version is **70.5110, 74.1831, 80.7854**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3166, 38.5142, 35.9336** is the 20% darker color. If you saturate the color by 10%, you get **65.8919, 62.6238, 53.7435**, and if you desaturate by 10%, it is **81.6340, 84.4880, 88.6487**.

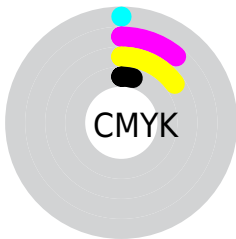
# Distribution



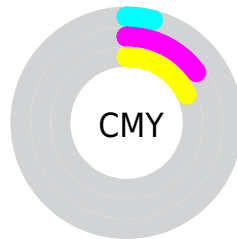
- Red (96%)
- Green (85%)
- Blue (82%)



- Red (96%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2493, 72.8989, 69.8848 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 73.2493, 72.8989, 69.8848 by changing the saturation by 10% instead.




 73.2493, 72.8989,  
69.8848

 73.2493, 72.8989,  
69.8848


460.9688,  
470.6643, 478.9236

 54.4689, 53.8933,  
50.9564


122.8323,  
123.3337, 120.7240

 39.2089, 38.5164,  
35.7974


154.3656,  
155.5316, 153.4719

 27.1037, 26.3837,  
23.9893


190.8807,  
192.8958, 191.6634

 17.7881, 17.1109,  
15.1136

232.7428,  
235.8107, 235.7171

 10.8967, 10.3136,  
8.7516

280.3173,  
284.6606, 286.0513

 6.0642, 5.6074,  
4.4849

333.9695,

 2.9252, 2.6078,

339.8299, 343.0848

1.8950

394.0649,  
401.7030, 407.2361

■ 1.1143, 0.9306,  
0.4895

■ 0.0371, 0.0000,  
0.0000

■ 73.2493, 72.8989,  
69.8848

■ 73.2493, 72.8989,  
69.8848

■ 65.8919, 62.6238,  
53.7435

■ 81.6340, 84.4880,  
88.6487

■ 59.5156, 53.6066,  
40.1029

■ 90.7863, 97.3088,  
108.6053

■ 54.0799, 45.8011,  
28.8386

■ 91.1186, 97.9733,  
108.7160

■ 49.5386, 39.1551,  
19.8134

■ 45.8417, 33.6119,  
12.8760

■ 42.9339, 29.1102,  
7.8562

■ 40.7528, 25.5824,  
4.5568

■ 39.2250, 22.9520,  
2.7369

■ 38.6395, 21.8951,  
2.1897

# Harmonies

## Analogous

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



74.5087, 72.8989, 76.4100



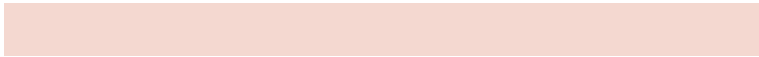
73.2493, 72.8989, 69.8848



70.9407, 72.8989, 66.0603

# Triad

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



73.2493, 72.8989, 69.8848



64.4683, 72.8989, 74.7712



70.3418, 72.8989, 94.8773

# Complementary

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



73.2493, 72.8989, 69.8848



72.3367, 79.9309, 97.2044

# 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.



67.6616, 72.8989, 94.3672



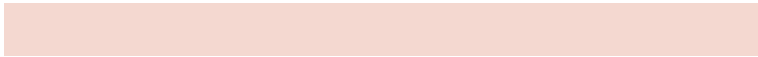
73.2493, 72.8989, 69.8848



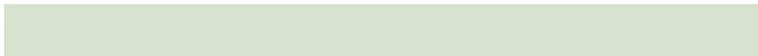
64.3175, 72.8989, 82.4147

# Square

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



73.2493, 72.8989, 69.8848



65.8902, 72.8989, 68.7524



65.4726, 72.8989, 89.6866



72.8011, 72.8989, 91.0380

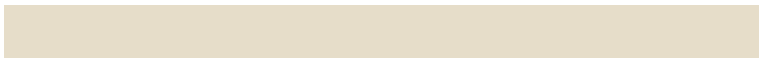


# Rectangle

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



73.2493, 72.8989, 69.8848



69.1406, 72.8989, 65.3960



65.4726, 72.8989, 89.6866



69.4360, 72.8989, 95.2152

# Sweetspot

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



73.2513, 72.9022, 69.8863



90.9724, 94.4034, 99.6531



75.0344, 70.4137, 89.1466



19.3122, 19.9867, 20.9693



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.



73.2513, 72.9022, 69.8863



78.1723, 76.6910, 71.0693



78.0602, 82.5199, 71.4893



16.7979, 17.0799, 17.2090



21.0926, 12.0708, 1.2182



1.9274, 1.2080, 0.1316



# Inverse Universe

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



72.3367, 79.9309, 97.2044



76.9631, 85.9704, 107.1453



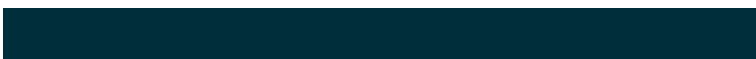
67.4659, 70.1892, 95.5808



16.6659, 18.0961, 21.1571



18.9678, 23.7293, 50.1185

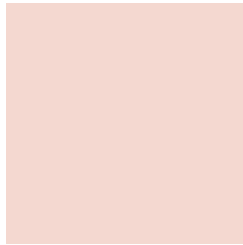


1.7422, 2.2358, 4.4300



# Previews

## White Background



This preview shows how the XYZ color 73.2493, 72.8989, 69.8848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

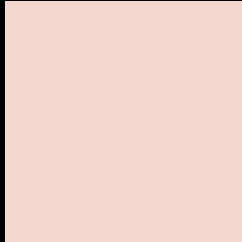
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.2493, 72.8989, 69.8848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

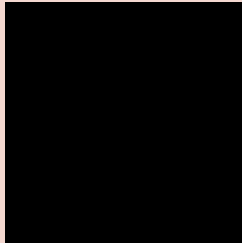
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.2493, 72.8989, 69.8848**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.2493, 72.8989, 69.8848.



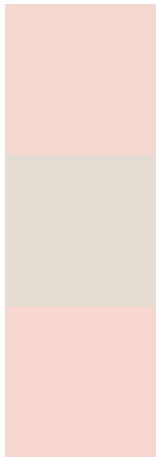
This preview shows how white text looks on a background with the XYZ color 73.2493, 72.8989,

69.8848.

# 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

73.2493, 72.8989, 69.8848

### Protanopia

69.9274, 73.0741, 72.0472

### Deuteranopia

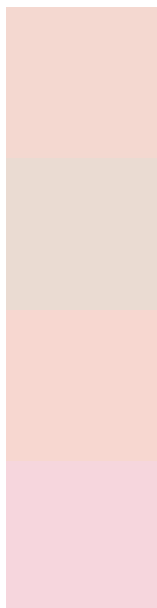
74.1431, 72.6037, 69.7807



## Tritanopia

76.2949, 73.0198, 84.2018

# Trichromacy



## Original Color

73.2493, 72.8989, 69.8848

## Protanomaly

70.8961, 72.8086, 71.2896

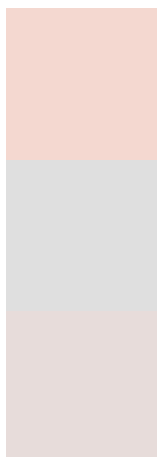
## Deuteranomaly

74.0434, 72.9291, 69.8487

## Tritanomaly

75.1037, 72.9064, 78.5206

# Monochromacy



## Original Color

73.2493, 72.8989, 69.8848

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.2031, 73.2373, 76.7131

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.2493, 72.8989, 69.8848 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(244, 216, 208) looks like.

```
.text, #text, p{  
    color:rgb(244, 216, 208)  
}
```

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(244, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 216, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 73.2493, 72.8989, 69.8848 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(244, 216, 208) }
```



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

```
.border{ border-color:rgb(244, 216, 208) }
```

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

Here you see how a box with a 4 pixel rgb(244, 216, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 216,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.2493, 72.8989, 69.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 216, 208) }
```

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

```
.background{ background-color: rgb(244,  
216, 208) }
```

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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