

# Converting Colors

XYZ(73.0073, 74.7897, 73.8286)

Have a look what the booklet for  
XYZ(73.0073, 74.7897, 73.8286)  
contains.

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# Color

**XYZ(72.7917, 74.5215,  
73.4983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDDD5
RGB	237, 221, 213
RGB Percent	93%, 87%, 84%
CMY	0.0706, 0.1333, 0.1647
CMYK	0.00, 0.07, 0.10, 0.07
HSL	20°, 40%, 88%
HSV	20°, 10%, 93%
XYZ	72.7917, 74.5215, 73.4983
YIQ	224.8720, 12.1040, 0.9040

# Conversions

## Conversions Part 2

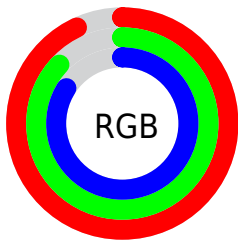
Format	Color
R <sub>Y</sub> B	237, 225, 213
Decimal	15588821
CIE Lab	89.17, 4.15, 5.88
CIE LCh	89, 7.196, 54.821
Yxy	74.5215, 0.3297, 0.3375
Android (android.graphics.Color)	4293778901 (0xFFE5DD5)
YUV	224.8720, -5.8529, 10.6363
Hunter-Lab	86.3258, -0.5554, 9.9482

# Details

The XYZ color **72.7917, 74.5215, 73.4983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7456, 76.2977, 91.1197**, and the grayscale version is **71.5124, 75.2366, 81.9327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8638, 39.5648, 37.9362** is the 20% darker color. If you saturate the color by 10%, you get **66.0250, 65.4551, 57.4701**, and if you desaturate by 10%, it is **80.3946, 84.5551, 91.9759**.

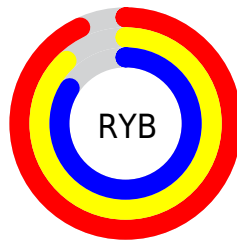
# Distribution



Red (93%)

Green (87%)

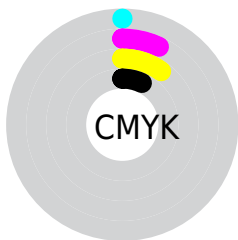
Blue (84%)



Red (93%)

Yellow (88%)

Blue (84%)

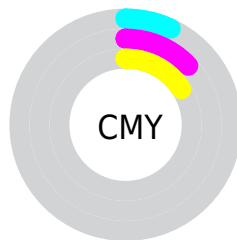


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7917, 74.5215, 73.4983 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 72.7917, 74.5215, 73.4983 by changing the saturation by 10% instead.



72.7917, 74.5215,  
73.4983

72.7917, 74.5215,  
73.4983

459.4075,  
476.2713, 491.8570

54.0934, 55.2210,  
53.8892

122.1862,  
125.6348, 125.9118

38.9073, 39.5787,  
38.1205

153.6131,  
158.2163, 159.5533

26.8680, 27.2102,  
25.7737

190.0136,  
195.9937, 198.7094

17.6102, 17.7311,  
16.4302

231.7531,  
239.3513, 243.7986

10.7685, 10.7571,  
9.6714

279.1968,  
288.6734, 295.2394

5.9775, 5.9038,  
5.0789

332.7103,

2.8720, 2.7867,

344.3445, 353.4504

2.2341

392.6587,  
406.7490, 418.8501

■ 1.0864, 1.0214,  
0.6939

■ 0.0137, 0.0000,  
0.0000

■ 72.7917, 74.5215,  
73.4983

■ 72.7917, 74.5215,  
73.4983

■ 66.0250, 65.4551,  
57.4701

■ 80.3946, 84.5551,  
91.9759

■ 60.0586, 57.3169,  
43.7828

■ 87.9736, 95.2212,  
108.3506

■ 54.8629, 50.0796,  
32.3271

■ 88.7354, 96.7447,  
108.6045

■ 50.4040, 43.7108,  
22.9827

■ 46.6453, 38.1759,  
15.6182

■ 43.5468, 33.4380,  
10.0868

■ 41.0635, 29.4568,  
6.2215

■ 39.1439, 26.1878,  
3.8235

■ 37.7245, 23.6029,  
2.5675

# Harmonies

## Analogous

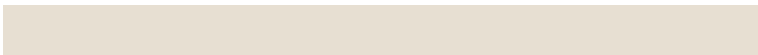
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9364, 74.5215, 77.1529



72.7917, 74.5215, 73.4983



71.1354, 74.5215, 71.8952

# Triad

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



72.7917, 74.5215, 73.4983



67.5238, 74.5215, 80.2724



72.2560, 74.5215, 90.2292

# Complementary

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



72.7917, 74.5215, 73.4983



70.7456, 76.2977, 91.1197

# 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.



70.5264, 74.5215, 91.1479



72.7917, 74.5215, 73.4983



67.8127, 74.5215, 85.2647

# Square

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



72.7917, 74.5215, 73.4983



68.1089, 74.5215, 75.7017



68.9047, 74.5215, 89.2965



73.6235, 74.5215, 86.8353

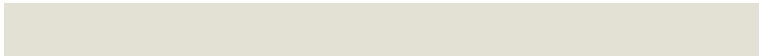


# Rectangle

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



72.7917, 74.5215, 73.4983



69.9710, 74.5215, 72.1557



68.9047, 74.5215, 89.2965



71.6969, 74.5215, 90.8435

# Sweetspot

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



72.7938, 74.5248, 73.4999



92.2376, 96.3070, 102.0068



72.8630, 71.2512, 84.0421



19.5851, 20.4062, 21.4491



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

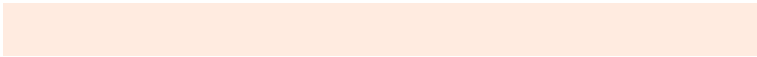


# Same Dimension

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



72.7938, 74.5248, 73.4999



84.3444, 85.8546, 82.9319



76.0750, 81.0873, 74.5936



15.4759, 15.8748, 15.7672



20.7038, 13.1018, 1.4377



1.7113, 1.2000, 0.1414

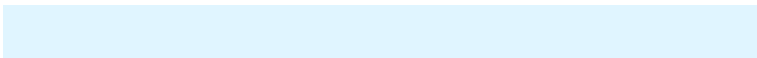


# Inverse Universe

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



70.7456, 76.2977, 91.1197



81.5048, 88.3118, 107.3579



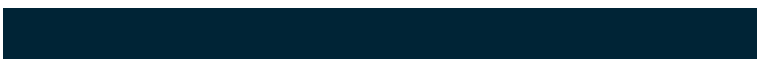
67.5404, 69.8873, 90.0513



15.0699, 16.2263, 19.2600



15.1426, 16.9322, 46.2131

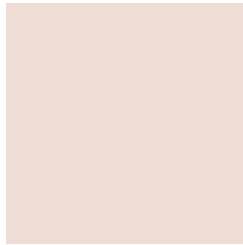


1.2769, 1.5052, 3.6581



# Previews

## White Background



This preview shows how the XYZ color 72.7917, 74.5215, 73.4983 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

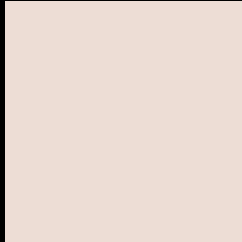
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.7917, 74.5215, 73.4983 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 72.7917, 74.5215, 73.4983**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.7917, 74.5215, 73.4983.



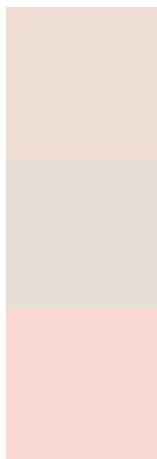
This preview shows how white text looks on a background with the XYZ color 72.7917, 74.5215,

73.4983.

# 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

72.7917, 74.5215, 73.4983

### Protanopia

71.1584, 74.4534, 74.2388

### Deuteranopia

75.7604, 74.1065, 73.9293



## Tritanopia

76.0020, 74.6662, 89.0035

# Trichromacy



## Original Color

72.7917, 74.5215, 73.4983

## Protanomaly

71.8631, 74.4212, 74.1955

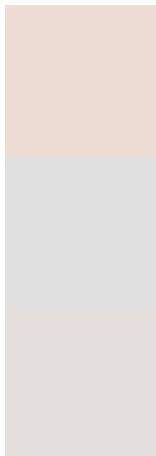
## Deuteranomaly

74.8652, 74.4103, 74.0351

## Tritanomaly

74.7932, 74.5598, 83.1225

# Monochromacy



## Original Color

72.7917, 74.5215, 73.4983

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.0199, 75.1898, 79.1238

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.7917, 74.5215, 73.4983 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(237, 221, 213) looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 213)  
}
```

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(237, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 72.7917, 74.5215, 73.4983 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(237, 221, 213) }
```



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

```
.border{ border-color:rgb(237, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.7917, 74.5215, 73.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 213) }
```

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

```
.background{ background-color: rgb(237,  
221, 213) }
```

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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