

# Converting Colors

XYZ(70.4253, 71.6044, 74.7027)

Have a look what the booklet for  
XYZ(70.4253, 71.6044, 74.7027)  
contains.

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# Color

**XYZ(70.3573, 71.6878,  
74.4189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8D9D7
RGB	232, 217, 215
RGB Percent	91%, 85%, 84%
CMY	0.0902, 0.1490, 0.1569
CMYK	0.00, 0.06, 0.07, 0.09
HSL	7°, 27%, 88%
HSV	7°, 7%, 91%
XYZ	70.3573, 71.6878, 74.4189
YIQ	221.2570, 9.5820, 2.5580

# Conversions

## Conversions Part 2

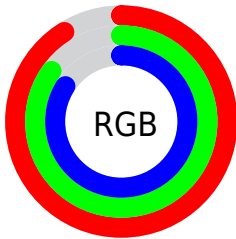
Format	Color
R <sub>Y</sub> B	232, 217, 215
Decimal	15260119
CIE Lab	87.82, 4.81, 2.82
CIE LCh	88, 5.577, 30.429
Yxy	71.6878, 0.3250, 0.3312
Android (android.graphics.Color)	4293450199 (0xFFE8D9D7)
YUV	221.2570, -3.0847, 9.4216
Hunter-Lab	84.6686, 0.1584, 7.1555

# Details

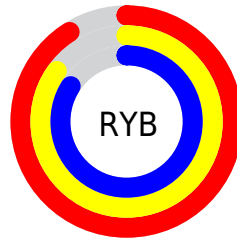
The XYZ color **70.3573, 71.6878, 74.4189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8865, 76.8656, 87.4452**, and the grayscale version is **68.9257, 72.5152, 78.9691**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1700, 37.6088, 38.5579** is the 20% darker color. If you saturate the color by 10%, you get **62.6336, 60.6770, 58.1646**, and if you desaturate by 10%, it is **79.1620, 84.1822, 93.1209**.

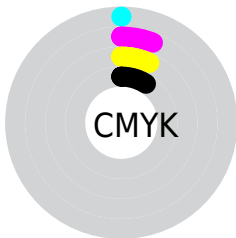
# Distribution



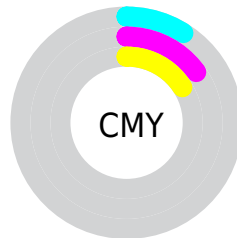
- Red (91%)
- Green (85%)
- Blue (84%)



- Red (91%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3573, 71.6878, 74.4189 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 70.3573, 71.6878, 74.4189 by changing the saturation by 10% instead.



70.3573, 71.6878,  
74.4189

70.3573, 71.6878,  
74.4189

451.0504,  
466.4542, 495.1199

52.0985, 52.9037,  
54.6381

118.7416,  
121.6126, 127.2290

37.3082, 37.7259,  
38.7154

149.5979,  
153.5220, 161.0953

25.6210, 25.7700,  
26.2323

185.3841,  
190.5753, 200.4939

16.6715, 16.6517,  
16.7702

226.4655,  
233.1569, 245.8434

10.0944, 9.9864,  
9.9105

273.2074,  
281.6512, 297.5621

5.5243, 5.3900,  
5.2349

325.9753,

2.5960, 2.4778,

336.4426, 356.0688

2.3246

385.1346,  
397.9155, 421.7819

■ 0.9439, 0.8655,  
0.7449

■ 0.0000, 0.0000,  
0.0000

■ 70.3573, 71.6878,  
74.4189

■ 70.3573, 71.6878,  
74.4189

■ 62.6336, 60.6770,  
58.1646

■ 79.1620, 84.1822,  
93.1209

■ 55.9432, 51.0858,  
44.2522

■ 87.0891, 95.8960,  
108.5274

■ 50.2440, 42.8590,  
32.5750

■ 45.4886, 35.9345,  
23.0163

■ 41.6255, 30.2454,  
15.4487

■ 38.5985, 25.7186,  
9.7311

■ 36.3446, 22.2735,  
5.7039

■ 34.7919, 19.8189,  
3.1802

■ 33.8519, 18.2473,  
1.9159

# Harmonies

## Analogous

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



70.7163, 71.6878, 78.0013



70.3573, 71.6878, 74.4189



69.4020, 71.6878, 71.8810

# Triad

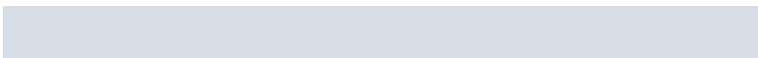
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3573, 71.6878, 74.4189



65.9455, 71.6878, 74.5105



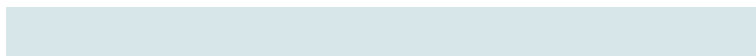
68.1562, 71.6878, 85.5808

# Complementary

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



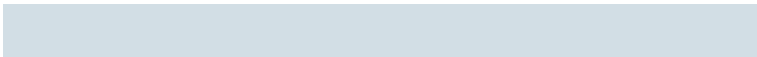
70.3573, 71.6878, 74.4189



70.8865, 76.8656, 87.4452

# 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.



66.8877, 71.6878, 84.5745



70.3573, 71.6878, 74.4189



65.6214, 71.6878, 78.1104

# Square

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



70.3573, 71.6878, 74.4189



66.8551, 71.6878, 71.9327



65.9641, 71.6878, 81.8094



69.4354, 71.6878, 84.5170



# Rectangle

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



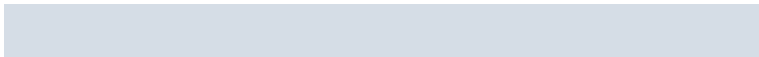
70.3573, 71.6878, 74.4189



68.5616, 71.6878, 71.0806



65.9641, 71.6878, 81.8094



67.7144, 71.6878, 85.4731

# Sweetspot

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



70.3593, 71.6909, 74.4204



92.8212, 96.8390, 104.1599



71.8654, 71.4718, 84.8838



19.8909, 20.7607, 22.3441



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

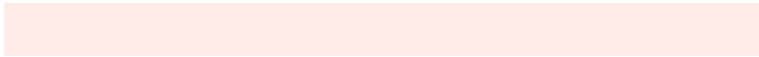


# Same Dimension

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



70.3593, 71.6909, 74.4204



85.4509, 86.3657, 88.5477



72.6014, 76.1752, 75.1678



14.5131, 14.6402, 14.9654



18.7440, 10.0621, 0.9543



1.4305, 0.8343, 0.0856

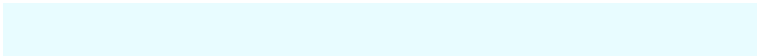


# Inverse Universe

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



70.8865, 76.8656, 87.4452



86.2479, 94.1901, 108.2425



68.5839, 72.2605, 86.6777



14.6548, 16.0310, 18.4662



20.2208, 27.5036, 46.6262

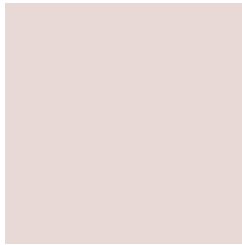


1.5355, 2.1149, 3.4593



# Previews

## White Background



This preview shows how the XYZ color 70.3573, 71.6878, 74.4189 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

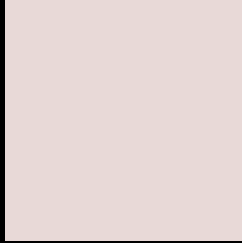
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 70.3573, 71.6878, 74.4189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

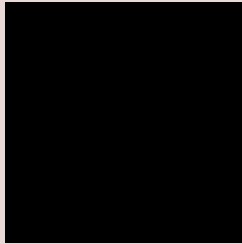
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

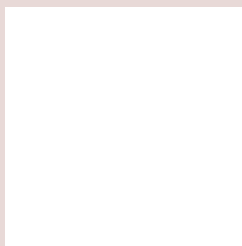
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 70.3573, 71.6878, 74.4189**

## **Background**



This preview shows how black text looks on a background with the XYZ color 70.3573, 71.6878, 74.4189.



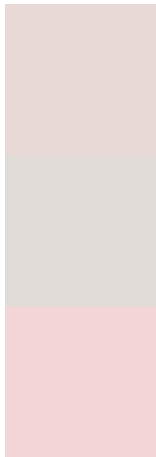
This preview shows how white text looks on a background with the XYZ color 70.3573, 71.6878,

74.4189.

# 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

70.3573, 71.6878, 74.4189

### Protanopia

68.7775, 71.6285, 75.1665

### Deuteranopia

73.1511, 71.6011, 74.9307



## Tritanopia

72.4021, 71.3551, 85.5582

# Trichromacy



## Original Color

70.3573, 71.6878, 74.4189

## Protanomaly

69.4610, 71.5947, 75.1239

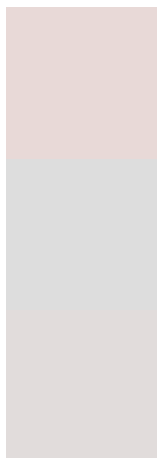
## Deuteranomaly

72.0378, 71.4017, 74.9509

## Tritanomaly

71.4953, 71.3608, 81.2400

# Monochromacy



## Original Color

70.3573, 71.6878, 74.4189

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

69.4307, 72.3084, 77.3154

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.3573, 71.6878, 74.4189 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(232, 217, 215) looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 215)  
}
```

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(232, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 70.3573, 71.6878, 74.4189 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(232, 217, 215) }
```



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

```
.border{ border-color:rgb(232, 217, 215) }
```

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

Here you see how a box with a 4 pixel rgb(232, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.3573, 71.6878, 74.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 215) }
```

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

```
.background{ background-color: rgb(232,  
217, 215) }
```

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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