

# Converting Colors

XYZ(67.6909, 70.3280, 73.6253)

Have a look what the booklet for  
XYZ(67.6909, 70.3280, 73.6253)  
contains.

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# Color

**XYZ(67.6909, 70.3280,  
73.6253)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | E0D9D6                    |
| RGB         | 224, 217, 214             |
| RGB Percent | 88%, 85%, 84%             |
| CMY         | 0.1216, 0.1490, 0.1608    |
| CMYK        | 0.00, 0.03, 0.04, 0.12    |
| HSL         | 18°, 14%, 86%             |
| HSV         | 18°, 4%, 88%              |
| XYZ         | 67.6909, 70.3280, 73.6253 |
| YIQ         | 218.7510, 5.1350, 0.5510  |

# Conversions

## Conversions Part 2

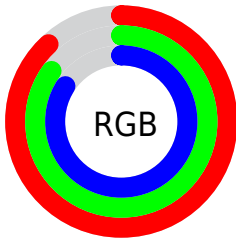
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">224, 218, 214</a>                                |
| Decimal                             | <a href="#">14735830</a>                                     |
| CIELab                              | <a href="#">87.16, 1.87, 2.31</a>                            |
| CIELCh                              | <a href="#">87, 2.974, 51.078</a>                            |
| Yxy                                 | <a href="#">70.3280, 0.3198, 0.3323</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4292925910</a><br>( <a href="#">0xFFE0D9D6</a> ) |
| YUV                                 | <a href="#">218.7510, -2.3422, 4.6034</a>                    |
| Hunter-Lab                          | <a href="#">83.8618, -2.6779, 6.6504</a>                     |

# Details

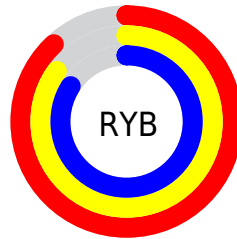
The XYZ color **67.6909, 70.3280, 73.6253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0425, 71.3898, 80.7680**, and the grayscale version is **67.1743, 70.6726, 76.9624**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5405, 36.7789, 38.0267** is the 20% darker color. If you saturate the color by 10%, you get **61.1757, 61.5647, 58.2968**, and if you desaturate by 10%, it is **74.9871, 80.0220, 91.1567**.

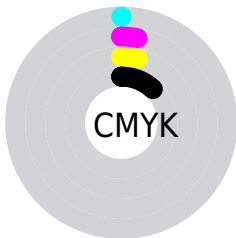
# Distribution



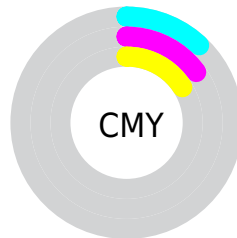
- Red (88%)
- Green (85%)
- Blue (84%)



- Red (88%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6909, 70.3280, 73.6253 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 67.6909, 70.3280, 73.6253 by changing the saturation by 10% instead.



67.6909, 70.3280,  
73.6253

67.6909, 70.3280,  
73.6253

441.7940,  
461.7008, 492.3079

49.9191, 51.7940,  
53.9925

114.9542,  
119.6764, 126.0936

35.5666, 36.8409,  
38.2025

145.1763,  
151.2595, 159.7662

24.2682, 25.0843,  
25.8369

180.2793,  
187.9612, 198.9558

15.6585, 16.1399,  
16.4770

220.6285,  
230.1658, 244.0810

9.3722, 9.6232,  
9.7043

266.5892,  
278.2576, 295.5602

5.0438, 5.1498,  
5.1003

318.5268,

2.3080, 2.3355,

332.6211, 353.8121

2.2465

376.8066,  
393.6407, 419.2552

■ 0.7987, 0.7924,  
0.7010

■ 0.0000, 0.0000,  
0.0000

■ 67.6909, 70.3280,  
73.6253

■ 67.6909, 70.3280,  
73.6253

■ 61.1757, 61.5647,  
58.2968

■ 74.9871, 80.0220,  
91.1567

■ 55.4091, 53.6953,  
45.0791

■ 82.4654, 90.4166,  
107.7135

■ 50.3647, 46.6939,  
33.8803

■ 84.5509, 94.5875,  
108.4086

■ 46.0128, 40.5297,  
24.5999

■ 42.3209, 35.1703,  
17.1286

■ 39.2542, 30.5809,  
11.3461

■ 36.7739, 26.7240,  
7.1172

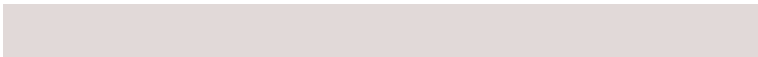
■ 34.8367, 23.5586,  
4.2858

■ 33.3915, 21.0387,  
2.6618

# Harmonies

## Analogous

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



68.1041, 70.3280, 75.2020



67.6909, 70.3280, 73.6253



67.0529, 70.3280, 72.8426

# Triad

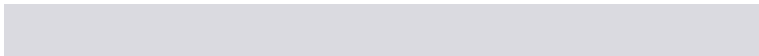
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6909, 70.3280, 73.6253



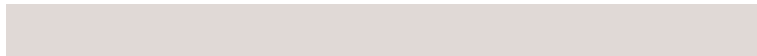
65.5283, 70.3280, 75.9810



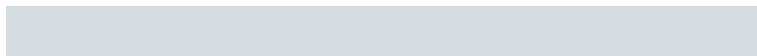
67.3282, 70.3280, 80.2159

# Complementary

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



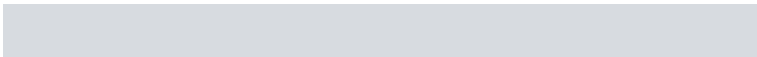
67.6909, 70.3280, 73.6253



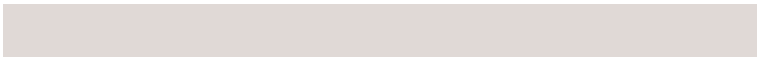
67.0425, 71.3898, 80.7680

# 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.



66.6368, 70.3280, 80.4332



67.6909, 70.3280, 73.6253



65.6009, 70.3280, 77.9651

# Square

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



67.6909, 70.3280, 73.6253



65.8065, 70.3280, 74.1871



66.0055, 70.3280, 79.6029

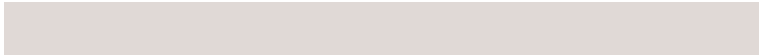


67.8936, 70.3280, 79.0141



# Rectangle

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



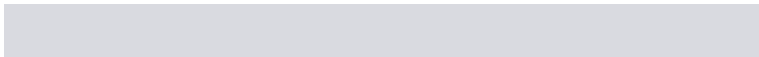
67.6909, 70.3280, 73.6253



66.5873, 70.3280, 72.8669



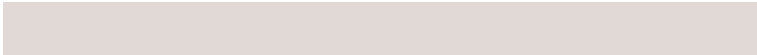
66.0055, 70.3280, 79.6029



67.1027, 70.3280, 80.4073

# Sweetspot

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



67.6929, 70.3311, 73.6268



94.0756, 98.7039, 106.5632



67.8391, 69.1619, 78.1816



20.1463, 21.1404, 22.8335



0.0000, 0.0000, 0.0000

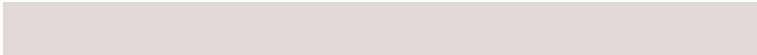


20.3446, 21.4041, 23.3091

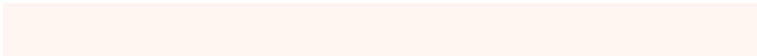


# Same Dimension

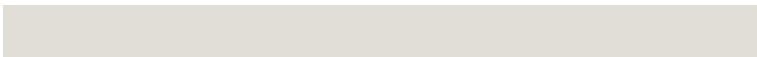
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6929, 70.3311, 73.6268



90.2847, 93.6460, 97.5184



69.0003, 72.9459, 74.0626



14.5904, 15.1053, 15.6377



19.1596, 11.7571, 1.2595



1.4048, 0.9685, 0.1129



# Inverse Universe

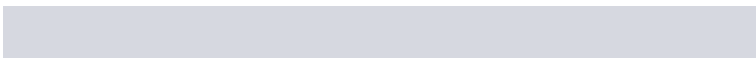
The Inverse Universe completely reimagines the original color for something new.



67.0425, 71.3898, 80.7680



89.3042, 95.2422, 108.2845



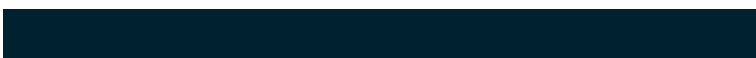
65.7430, 68.7908, 80.3348



14.4117, 15.3963, 17.5999



14.9266, 17.3227, 43.6053

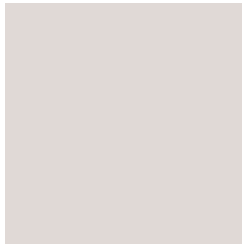


1.1119, 1.3553, 3.0482



# Previews

## White Background



This preview shows how the XYZ color 67.6909, 70.3280, 73.6253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

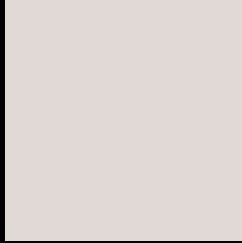
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 67.6909, 70.3280, 73.6253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

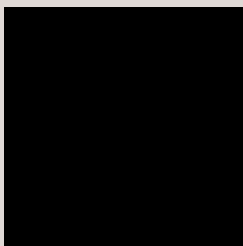
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

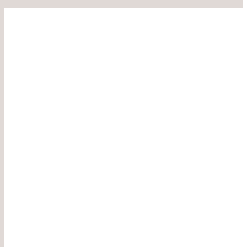
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 67.6909, 70.3280, 73.6253**

## **Background**



This preview shows how black text looks on a background with the XYZ color 67.6909, 70.3280, 73.6253.



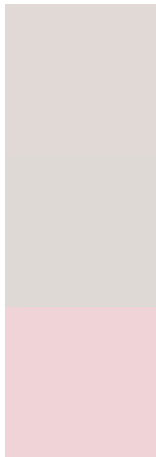
This preview shows how white text looks on a background with the XYZ color 67.6909, 70.3280,



# 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

67.6909, 70.3280, 73.6253

### Protanopia

67.3819, 70.1687, 73.6108

### Deuteranopia

71.4952, 70.0201, 74.0370



## Tritanopia

70.1489, 70.1935, 85.4528

# Trichromacy



## Original Color

67.6909, 70.3280, 73.6253

## Protanomaly

67.3819, 70.1687, 73.6108

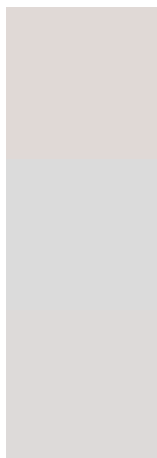
## Deuteranomaly

69.9917, 69.9872, 74.1099

## Tritanomaly

69.2551, 70.2059, 81.1351

# Monochromacy



## Original Color

67.6909, 70.3280, 73.6253

## Achromatopsia

67.3311, 70.8376, 77.1421

## Achromatomaly

67.4146, 70.5247, 75.7051

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 67.6909, 70.3280, 73.6253 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(224, 217, 214) looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 214)  
}
```

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(224, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 67.6909, 70.3280, 73.6253 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(224, 217, 214) }
```



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

```
.border{ border-color:rgb(224, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 67.6909, 70.3280, 73.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 214) }
```

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

```
.background{ background-color: rgb(224,  
217, 214) }
```

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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