

# Converting Colors

XYZ(73.4174, 74.8291, 76.4620)

Have a look what the booklet for  
XYZ(73.4174, 74.8291, 76.4620)  
contains.

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# **Color**

**XYZ(73.3059, 74.7272,  
76.2058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDDD9
RGB	237, 221, 217
RGB Percent	93%, 87%, 85%
CMY	0.0706, 0.1333, 0.1490
CMYK	0.00, 0.07, 0.08, 0.07
HSL	12°, 36%, 89%
HSV	12°, 8%, 93%
XYZ	73.3059, 74.7272, 76.2058
YIQ	225.3280, 10.8200, 2.1480

# Conversions

## Conversions Part 2

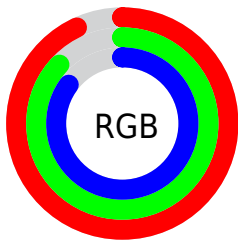
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 222, 217
Decimal	15588825
CIE <sub>Lab</sub>	89.27, 4.80, 3.92
CIE <sub>LCh</sub>	89, 6.200, 39.216
Yxy	74.7272, 0.3269, 0.3332
Android (android.graphics.Color)	4293778905 (0xFFE9DD9)
YUV	225.3280, -4.1057, 10.2363
Hunter-Lab	86.4449, 0.0907, 8.2441

# Details

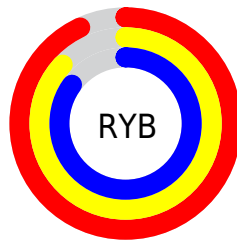
The XYZ color **73.3059, 74.7272, 76.2058** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0400, 79.1426, 91.5481**, and the grayscale version is **71.8289, 75.5696, 82.2953**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2139, 39.7048, 39.7794** is the 20% darker color. If you saturate the color by 10%, you get **65.7172, 64.1333, 59.5439**, and if you desaturate by 10%, it is **81.9066, 86.6349, 95.3909**.

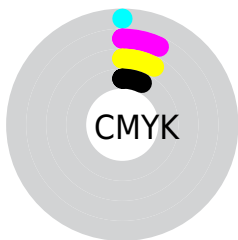
# Distribution



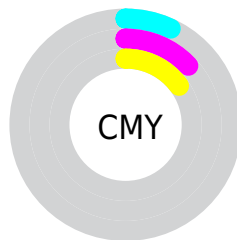
- Red (93%)
- Green (87%)
- Blue (85%)



- Red (93%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3059, 74.7272, 76.2058 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 73.3059, 74.7272, 76.2058 by changing the saturation by 10% instead.




 73.3059, 74.7272,  
76.2058

 73.3059, 74.7272,  
76.2058


461.1617,  
476.9794, 501.4175

 54.5154, 55.3894,  
56.0936


122.9122,  
125.9261, 129.7805

 39.2462, 39.7136,  
39.8735


154.4586,  
158.5561, 164.0801

 27.1329, 27.3153,  
27.1269


190.9878,  
196.3855, 203.9460

 17.8101, 17.8102,  
17.4353

232.8651,  
239.7989, 249.7966

 10.9126, 10.8138,  
10.3801

280.4557,  
289.1806, 302.0505

 6.0750, 5.9418,  
5.5428

334.1251,

 2.9318, 2.8097,

344.9150, 361.1263

2.5049

394.2387,  
407.3864, 427.4424

■ 1.1178, 1.0332,  
0.8427

■ 0.0399, 0.0000,  
0.0000

■ 73.3059, 74.7272,  
76.2058

■ 73.3059, 74.7272,  
76.2058

■ 65.7172, 64.1333,  
59.5439

■ 81.9066, 86.6349,  
95.3909

■ 59.0967, 54.7983,  
45.2952

■ 88.7354, 96.7447,  
108.6045

■ 53.4067, 46.6782,  
33.3488

■ 48.6045, 39.7224,  
23.5832

■ 44.6441, 33.8767,  
15.8656

■ 41.4751, 29.0829,  
10.0485

■ 39.0413, 25.2767,  
5.9648

■ 37.2786, 22.3870,  
3.4177

■ 36.1039, 20.3292,  
2.1273

# Harmonies

## Analogous

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



73.9391, 74.7272, 80.0369



73.3059, 74.7272, 76.2058



72.0642, 74.7272, 73.8150

# Triad

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



73.3059, 74.7272, 76.2058



68.3383, 74.7272, 78.4419



71.4934, 74.7272, 89.8775

# Complementary

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



73.3059, 74.7272, 76.2058



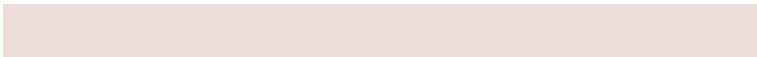
73.0400, 79.1426, 91.5481

# 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.



69.9977, 74.7272, 89.4135



73.3059, 74.7272, 76.2058



68.1903, 74.7272, 82.7082

# Square

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



73.3059, 74.7272, 76.2058



69.2008, 74.7272, 75.0738



68.7938, 74.7272, 86.7524



72.8829, 74.7272, 87.9987

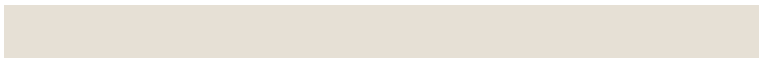


# Rectangle

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



73.3059, 74.7272, 76.2058



71.0658, 74.7272, 73.3084



68.7938, 74.7272, 86.7524



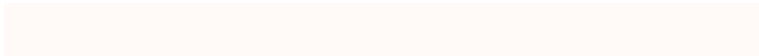
70.9861, 74.7272, 89.9917

# Sweetspot

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



73.3080, 74.7305, 76.2074



91.9217, 95.6752, 101.9015



74.4468, 73.5145, 87.3577



19.5001, 20.2362, 21.4208



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

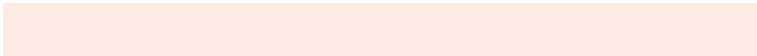


# Same Dimension

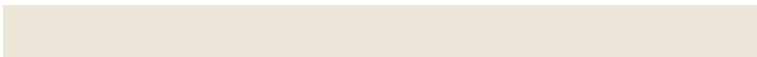
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3080, 74.7305, 76.2074



85.0483, 86.1361, 86.6387



76.0263, 80.1671, 77.1135



15.3097, 15.5423, 15.7118



19.7062, 11.1066, 1.1052



1.6138, 1.0049, 0.1089

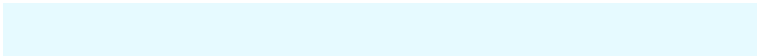


# Inverse Universe

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



73.0400, 79.1426, 91.5481



84.6758, 92.2661, 107.9540



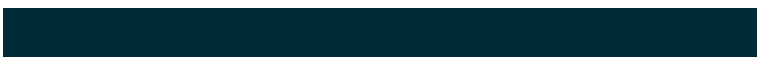
70.2900, 73.6426, 90.6314



15.2466, 16.5797, 19.3189



18.4408, 23.5285, 47.3125

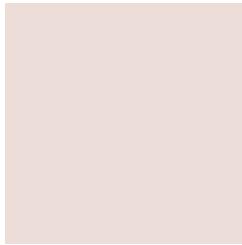


1.5130, 1.9775, 3.7368



# Previews

## White Background



This preview shows how the XYZ color 73.3059, 74.7272, 76.2058 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

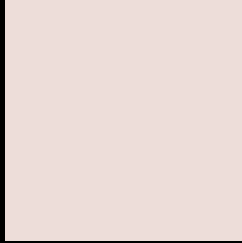
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.3059, 74.7272, 76.2058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

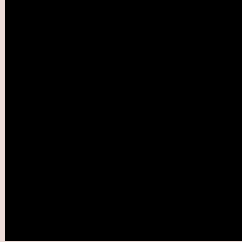
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

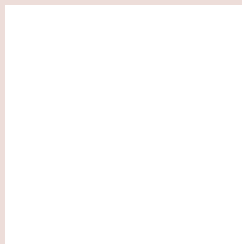
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.3059, 74.7272, 76.2058**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.3059, 74.7272, 76.2058.



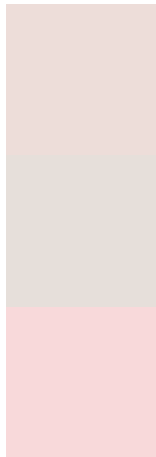
This preview shows how white text looks on a background with the XYZ color 73.3059, 74.7272,



# 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

73.3059, 74.7272, 76.2058

### Protanopia

71.6757, 74.6603, 76.9628

### Deuteranopia

76.1791, 74.6441, 76.7223



## Tritanopia

76.0020, 74.6662, 89.0035

# Trichromacy



## Original Color

73.3059, 74.7272, 76.2058

## Protanomaly

72.3804, 74.6281, 76.9195

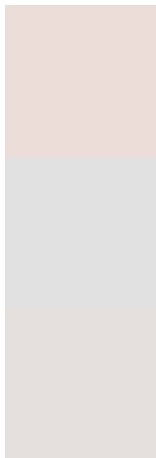
## Deuteranomaly

75.0345, 74.4379, 76.7429

## Tritanomaly

74.9317, 74.6152, 83.8516

# Monochromacy



## Original Color

73.3059, 74.7272, 76.2058

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.1536, 75.2432, 79.8277

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.3059, 74.7272, 76.2058 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 73.3059, 74.7272, 76.2058 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, 217) }
```



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

```
.border{ border-color:rgb(237, 221, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.3059, 74.7272, 76.2058 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, 217) }
```

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

```
.background{ background-color: rgb(237,  
221, 217) }
```

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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