

Converting Colors

XYZ(71.2107, 73.8696, 76.6165)

Have a look what the booklet for XYZ(71.2107, 73.8696, 76.6165) contains.

XYZ(71.4093, 74.1275, 76.8740) 3

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Color

**XYZ(71.4093, 74.1275,
76.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DEDA
RGB	230, 222, 218
RGB Percent	90%, 87%, 85%
CMY	0.0980, 0.1294, 0.1451
CMYK	0.00, 0.03, 0.05, 0.10
HSL	20°, 19%, 88%
HSV	20°, 5%, 90%
XYZ	71.4093, 74.1275, 76.8740
YIQ	223.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

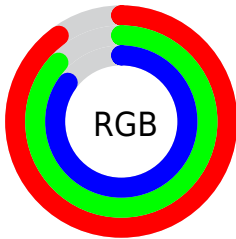
Format	Color
R _Y B	230, 224, 218
Decimal	15130330
CIE Lab	88.98, 2.03, 2.92
CIE LCh	89, 3.554, 55.131
Yxy	74.1275, 0.3211, 0.3333
Android (android.graphics.Color)	4293320410 (0xFFE6DEDA)
YUV	223.9360, -2.9264, 5.3181
Hunter-Lab	86.0973, -2.6221, 7.3297

Details

The XYZ color **71.4093, 74.1275, 76.8740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3926, 75.0102, 85.6322**, and the grayscale version is **70.8248, 74.5132, 81.1449**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8851, 39.2804, 40.2355** is the 20% darker color. If you saturate the color by 10%, you get **64.7194, 65.2341, 60.8110**, and if you desaturate by 10%, it is **78.8911, 83.9345, 95.2634**.

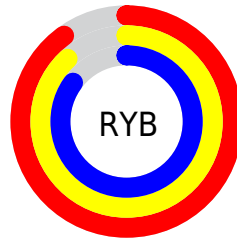
Distribution



Red (90%)

Green (87%)

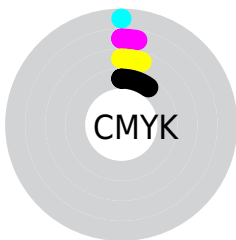
Blue (85%)



Red (90%)

Yellow (88%)

Blue (85%)

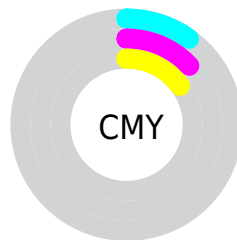


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4093, 74.1275, 76.8740 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 71.4093, 74.1275, 76.8740 by changing the saturation by 10% instead.

■ 71.4093, 74.1275,
76.8740

■ 71.4093, 74.1275,
76.8740

454.6726,
474.9133, 503.7606

■ 52.9600, 54.8984,
56.6385

120.2317,
125.0765, 130.7330

■ 37.9982, 39.3204,
40.3077

151.3355,
157.5653, 165.1936

■ 26.1585, 27.0091,
27.4629

187.3882,
195.2426, 205.2330

■ 17.0756, 17.5800,
17.6857

228.7552,
238.4931, 251.2697

■ 10.3840, 10.6489,
10.5575

275.8017,
287.7010, 303.7222

■ 5.7185, 5.8313,
5.6597

328.8933,

■ 2.7137, 2.7428,

343.2507, 363.0092

2.5739

388.3951,
405.5267, 429.5492

■ 1.0042, 0.9990,
0.8789

■ 0.0000, 0.0000,
0.0000

■ 71.4093, 74.1275,
76.8740

■ 71.4093, 74.1275,
76.8740

■ 64.7194, 65.2341,
60.8110

■ 78.8911, 83.9345,
95.2634

■ 58.7882, 57.2181,
46.9761

■ 85.7006, 94.0773,
108.2496

■ 53.5894, 50.0550,
35.2714

■ 86.4435, 95.5632,
108.4972

■ 49.0925, 43.7156,
25.5895

■ 45.2649, 38.1688,
17.8138

■ 42.0710, 33.3814,
11.8154

■ 39.4716, 29.3177,
7.4495

■ 37.4221, 25.9384,
4.5477

■ 35.8701, 23.1996,
2.9040

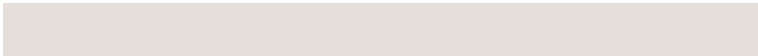
Harmonies

Analogous

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



71.9696, 74.1275, 78.7099



71.4093, 74.1275, 76.8740



70.5970, 74.1275, 76.0671

Triad

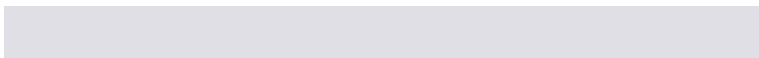
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4093, 74.1275, 76.8740



68.8148, 74.1275, 80.3094



71.1633, 74.1275, 85.0935

Complementary

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



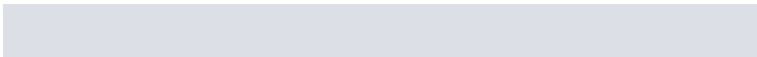
71.4093, 74.1275, 76.8740



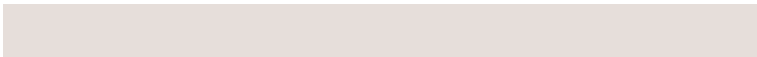
70.3926, 75.0102, 85.6322

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.



70.3152, 74.1275, 85.5427



71.4093, 74.1275, 76.8740



68.9637, 74.1275, 82.7482

Square

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



71.4093, 74.1275, 76.8740



69.1027, 74.1275, 78.0246



69.5112, 74.1275, 84.6762



71.8268, 74.1275, 83.4609

Rectangle

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



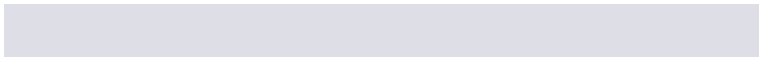
71.4093, 74.1275, 76.8740



70.0235, 74.1275, 76.2092



69.5112, 74.1275, 84.6762



70.8902, 74.1275, 85.3893

Sweetspot

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



71.4114, 74.1307, 76.8756



93.1651, 97.5268, 104.2745



71.4330, 72.4579, 82.1733



19.9609, 20.9007, 22.3675



0.0000, 0.0000, 0.0000



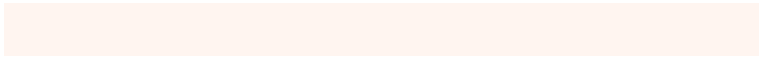
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4114, 74.1307, 76.8756



89.5171, 92.7204, 95.3834



73.0324, 77.3728, 77.4159



15.1876, 15.7058, 16.0632



20.0680, 12.7101, 1.3956



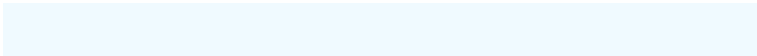
1.5660, 1.1052, 0.1308

Inverse Universe

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



70.3926, 75.0102, 85.6322



88.0363, 93.9987, 108.1113



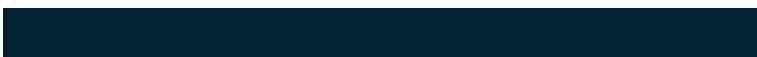
68.7906, 71.8061, 85.0982



14.9115, 15.9441, 18.4359



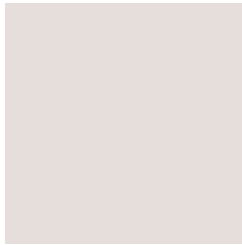
14.6759, 16.4138, 44.7779



1.1691, 1.3821, 3.3371

Previews

White Background



This preview shows how the XYZ color 71.4093, 74.1275, 76.8740 looks on a white background.

Color Contrast Check

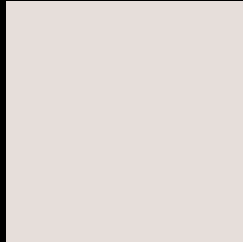
Large Text (above 18pt) WCAG AA × Fail

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 71.4093, 74.1275, 76.8740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

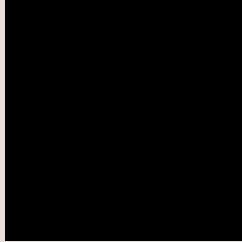
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

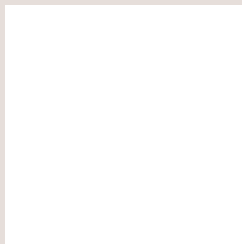
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4093, 74.1275, 76.8740

Background



This preview shows how black text looks on a background with the XYZ color 71.4093, 74.1275, 76.8740.



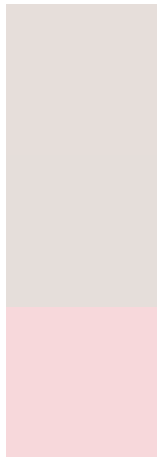
This preview shows how white text looks on a background with the XYZ color 71.4093, 74.1275,

76.8740.

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

71.4093, 74.1275, 76.8740

Protanopia

71.0893, 73.9625, 76.8591

Deuteranopia

75.6998, 74.0004, 77.3115



Tritanopia

74.0761, 74.0428, 89.7443

Trichromacy



Original Color

71.4093, 74.1275, 76.8740

Protanomaly

71.0893, 73.9625, 76.8591

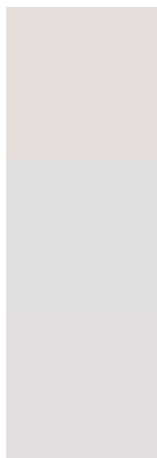
Deuteranomaly

74.1332, 73.9581, 77.3859

Tritanomaly

73.0148, 73.9993, 84.5638

Monochromacy



Original Color

71.4093, 74.1275, 76.8740

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9365, 74.2180, 79.6940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4093, 74.1275, 76.8740 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(230, 222, 218) looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 218)  
}
```

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(230, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.4093, 74.1275, 76.8740 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(230, 222, 218) }
```


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

```
.border{ border-color:rgb(230, 222, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4093, 74.1275, 76.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 218) }
```

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

```
.background{ background-color: rgb(230,  
222, 218) }
```

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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