

Converting Colors

XYZ(69.7043, 74.4420, 77.0246)

Have a look what the booklet for
XYZ(69.7043, 74.4420, 77.0246)
contains.

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Color

**XYZ(69.7043, 74.4420,
77.0246)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE1DA
RGB	222, 225, 218
RGB Percent	87%, 88%, 85%
CMY	0.1294, 0.1176, 0.1451
CMYK	0.01, 0.00, 0.03, 0.12
HSL	86°, 10%, 87%
HSV	86°, 3%, 88%
XYZ	69.7043, 74.4420, 77.0246
YIQ	223.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

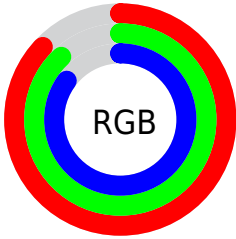
Format	Color
R _Y B	218, 225, 221
Decimal	14606810
CIE Lab	89.13, -2.25, 3.06
CIE LCh	89, 3.797, 126.418
Yxy	74.4420, 0.3152, 0.3366
Android (android.graphics.Color)	4292796890 (0xFFDEE1DA)
YUV	223.3050, -2.6154, -1.1445
Hunter-Lab	86.2798, -6.7818, 7.4658

Details

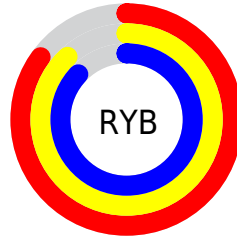
The XYZ color **69.7043, 74.4420, 77.0246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4837, 70.9532, 81.3239**, and the grayscale version is **70.3757, 74.0407, 80.6303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9219, 39.6093, 40.3497** is the 20% darker color. If you saturate the color by 10%, you get **64.0862, 71.8654, 62.4210**, and if you desaturate by 10%, it is **75.8956, 77.2722, 93.7446**.

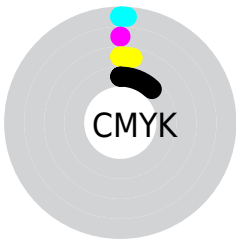
Distribution



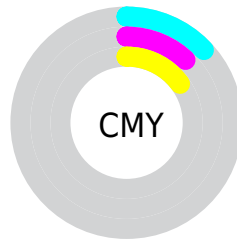
- Red (87%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7043, 74.4420, 77.0246 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 69.7043, 74.4420, 77.0246 by changing the saturation by 10% instead.

■ 69.7043, 74.4420,
77.0246

■ 69.7043, 74.4420,
77.0246

448.7937,
475.9975, 504.2878

■ 51.5642, 55.1559,
56.7614

117.8155,
125.5222, 130.9475

■ 36.8807, 39.5265,
40.4056

148.5174,
158.0850, 165.4443

■ 25.2884, 27.1696,
27.5387

184.1373,
195.8422, 205.5227

■ 16.4219, 17.7006,
17.7422

225.0405,
239.1782, 251.6013

■ 9.9159, 10.7353,
10.5976

271.5923,
288.4773, 304.0985

■ 5.4051, 5.8891,
5.6862

324.1583,

■ 2.5240, 2.7778,

344.1239, 363.4330

2.5895

383.1036,
406.5025, 430.0232

■ 0.9074, 1.0168,
0.8870

■ 0.0000, 0.0000,
0.0000

■ 69.7043, 74.4420,
77.0246

■ 69.7043, 74.4420,
77.0246

■ 64.0862, 71.8654,
62.4210

■ 75.8956, 77.2722,
93.7446

■ 59.0163, 69.5248,
49.8446

■ 81.3560, 79.8276,
105.7281

■ 54.4766, 67.4153,
39.2069

■ 84.7440, 81.5742,
105.8866

■ 50.4459, 65.5279,
30.4113

■ 86.2167, 82.3334,
105.9556

■ 46.9012, 63.8531,
23.3524

■ 43.8174, 62.3805,
17.9145

■ 41.1666, 61.0985,
13.9678

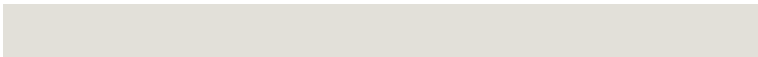
■ 38.9170, 59.9942,
11.3624

■ 37.0310, 59.0519,
9.9172

Harmonies

Analogous

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



70.5563, 74.4420, 76.0977



69.7043, 74.4420, 77.0246



69.1374, 74.4420, 79.0340

Triad

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



69.7043, 74.4420, 77.0246



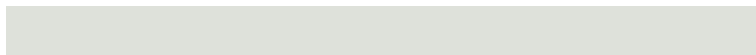
70.0457, 74.4420, 85.8130



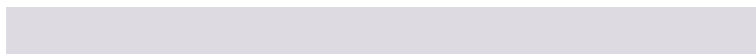
72.5370, 74.4420, 80.4867

Complementary

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



69.7043, 74.4420, 77.0246



68.4837, 70.9532, 81.3239

Split Complementary

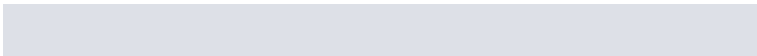
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3974, 74.4420, 83.1095



69.7043, 74.4420, 77.0246



70.9539, 74.4420, 86.2223

Square

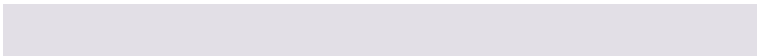
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7043, 74.4420, 77.0246



69.3333, 74.4420, 84.1163



71.8160, 74.4420, 85.2229



72.1957, 74.4420, 78.0683

Rectangle

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



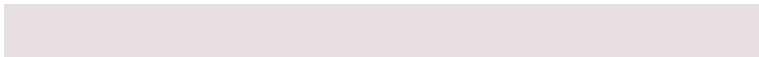
69.7043, 74.4420, 77.0246



68.9947, 74.4420, 80.7368



71.8160, 74.4420, 85.2229



72.5448, 74.4420, 81.3734

Sweetspot

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



69.7064, 74.4452, 77.0262



94.2408, 99.6300, 106.7333



69.5434, 72.7411, 76.7059



20.1800, 21.3288, 22.8681



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.



69.7064, 74.4452, 77.0262



91.8596, 98.5400, 100.4048



68.6706, 73.9112, 76.9777



14.8533, 15.9872, 16.1001



20.8244, 33.7679, 5.4203



1.5453, 2.3931, 0.3805

Inverse Universe

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



68.4837, 70.9532, 81.3239



89.7713, 92.5758, 107.7452



69.5345, 71.4950, 81.3731



14.4570, 14.8554, 17.4931



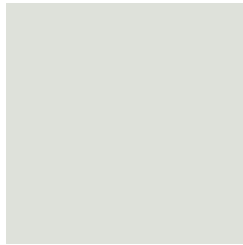
10.7701, 4.6475, 41.3778



0.8475, 0.3742, 2.8728

Previews

White Background



This preview shows how the XYZ color 69.7043, 74.4420, 77.0246 looks on a white background.

Color Contrast Check

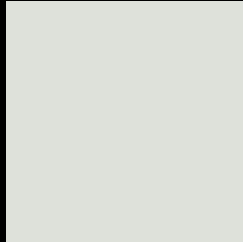
Large Text (above 18pt) WCAG AA × Fail

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 69.7043, 74.4420, 77.0246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

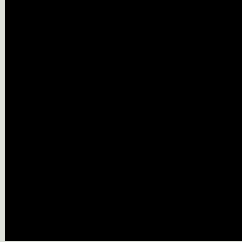
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

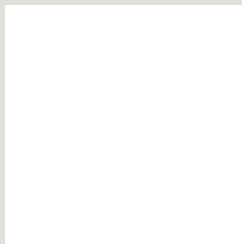
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7043, 74.4420, 77.0246

Background



This preview shows how black text looks on a background with the XYZ color 69.7043, 74.4420, 77.0246.

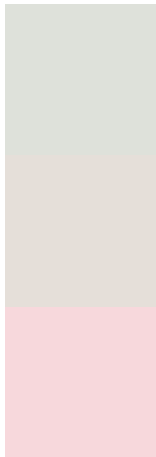


This preview shows how white text looks on a background with the XYZ color 69.7043, 74.4420,

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

69.7043, 74.4420, 77.0246

Protanopia

71.2252, 74.4431, 76.2606

Deuteranopia

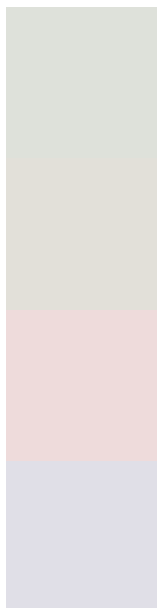
75.8319, 74.0532, 78.0071



Tritanopia

72.7526, 74.4821, 92.2034

Trichromacy



Original Color

69.7043, 74.4420, 77.0246

Protanomaly

70.5441, 74.4898, 76.3055

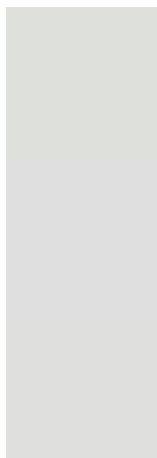
Deuteranomaly

73.3776, 73.9547, 77.4251

Tritanomaly

71.5520, 74.3922, 86.1892

Monochromacy



Original Color

69.7043, 74.4420, 77.0246

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1382, 74.2197, 79.0358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7043, 74.4420, 77.0246 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(222, 225, 218) looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 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(222, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 218) }
```

Border

The CSS property to change the border of an element to XYZ 69.7043, 74.4420, 77.0246 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(222, 225, 218) }
```


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

```
.border{ border-color:rgb(222, 225, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7043, 74.4420, 77.0246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 218) }
```

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

```
.background{ background-color: rgb(222,  
225, 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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