

Converting Colors

XYZ(69.3058, 73.5877, 76.7876)

Have a look what the booklet for
XYZ(69.3058, 73.5877, 76.7876)
contains.

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Color

**XYZ(69.1668, 73.3669,
76.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDFDA
RGB	222, 223, 218
RGB Percent	87%, 87%, 85%
CMY	0.1294, 0.1255, 0.1451
CMYK	0.00, 0.00, 0.02, 0.13
HSL	72°, 7%, 86%
HSV	72°, 2%, 87%
XYZ	69.1668, 73.3669, 76.8454
YIQ	222.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

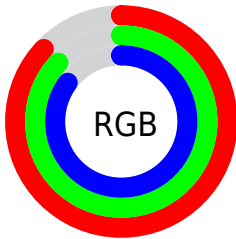
Format	Color
R _Y B	218, 223, 219
Decimal	14606298
CIE Lab	88.62, -1.22, 2.32
CIE LCh	89, 2.620, 117.847
Yxy	73.3669, 0.3153, 0.3344
Android (android.graphics.Color)	4292796378 (0xFFDEDFDA)
YUV	222.1310, -2.0366, -0.1149
Hunter-Lab	85.6545, -5.7549, 6.7658

Details

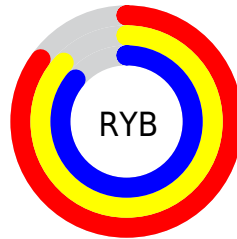
The XYZ color **69.1668, 73.3669, 76.8454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6068, 70.5325, 79.8667**, and the grayscale version is **69.5389, 73.1603, 79.6716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5498, 38.8651, 40.2257** is the 20% darker color. If you saturate the color by 10%, you get **65.0914, 71.5829, 62.4325**, and if you desaturate by 10%, it is **73.6754, 75.3331, 93.3312**.

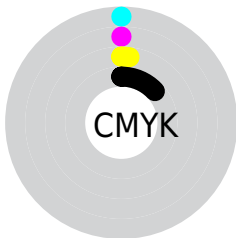
Distribution



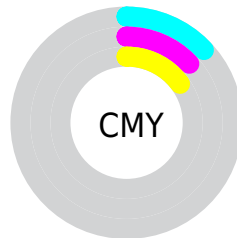
- Red (87%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1668, 73.3669, 76.8454 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 69.1668, 73.3669, 76.8454 by changing the saturation by 10% instead.

■ 69.1668, 73.3669,
76.8454

■ 69.1668, 73.3669,
76.8454

446.9312,
472.2854, 503.6604

■ 51.1247, 54.2760,
56.6152

117.0525,
123.9979, 130.6922

■ 36.5293, 38.8224,
40.2891

147.6269,
156.3069, 165.1460

■ 25.0153, 26.6216,
27.4485

183.1094,
193.7906, 205.1779

■ 16.2172, 17.2892,
17.6749

223.8654,
236.8336, 251.2067

■ 9.7698, 10.4409,
10.5498

270.2602,
285.8202, 303.6508

■ 5.3077, 5.6923,
5.6547

322.6592,

■ 2.4655, 2.6589,

341.1347, 362.9287

2.5709

381.4278,
403.1617, 429.4591

■ 0.8779, 0.9564,
0.8774

■ 0.0000, 0.0000,
0.0000

■ 69.1668, 73.3669,
76.8454

■ 69.1668, 73.3669,
76.8454

■ 65.0914, 71.5829,
62.4325

■ 73.6754, 75.3331,
93.3312

■ 61.4271, 69.9651,
50.0057

■ 77.3775, 76.9786,
105.3879

■ 58.1592, 68.5101,
39.4792

■ 78.8396, 77.7323,
105.4563

■ 55.2695, 67.2104,
30.7589

■ 80.3389, 78.5052,
105.5264

■ 52.7384, 66.0582,
23.7430

■ 81.8756, 79.2974,
105.5984

■ 50.5442, 65.0448,
18.3193

■ 83.4500, 80.1091,
105.6720

■ 48.6629, 64.1606,
14.3622

■ 85.0624, 80.9403,
105.7475

■ 47.0668, 63.3945,
11.7274

■ 85.6791, 81.2582,
105.7764

■ 45.7226, 62.7330,
10.2414

Harmonies

Analogous

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



69.7787, 73.3669, 76.4556



69.1668, 73.3669, 76.8454



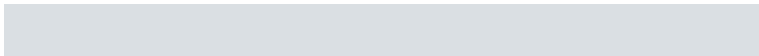
68.7090, 73.3669, 78.0457

Triad

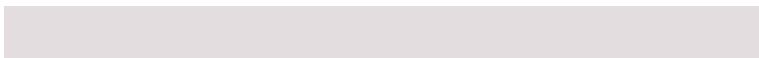
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1668, 73.3669, 76.8454



69.0882, 73.3669, 82.8677



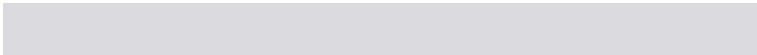
70.9548, 73.3669, 80.0150

Complementary

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



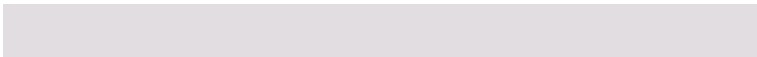
69.1668, 73.3669, 76.8454



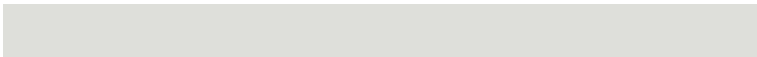
67.6068, 70.5325, 79.8667

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.



70.7672, 73.3669, 81.7511



69.1668, 73.3669, 76.8454



69.6874, 73.3669, 83.4135

Square

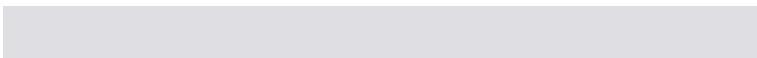
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



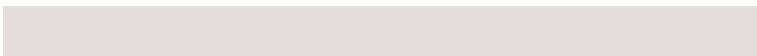
69.1668, 73.3669, 76.8454



68.6638, 73.3669, 81.5212



70.3024, 73.3669, 83.0018



70.8133, 73.3669, 78.2690

Rectangle

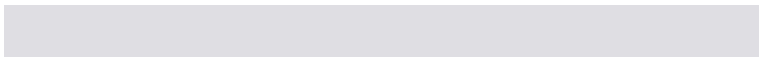
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1668, 73.3669, 76.8454



68.5515, 73.3669, 79.1534



70.3024, 73.3669, 83.0018



70.9281, 73.3669, 80.6192

Sweetspot

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



69.1689, 73.3701, 76.8470



94.4542, 99.7400, 106.7433



68.4203, 71.4151, 76.5091



20.2234, 21.3512, 22.8702



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.



69.1689, 73.3701, 76.8470



93.2802, 99.2271, 102.5155



68.4091, 72.9784, 76.8114



15.1011, 16.1081, 16.4204



26.4413, 36.6635, 5.6832



1.9020, 2.5770, 0.3972

Inverse Universe

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



67.6068, 70.5325, 79.8667



90.4437, 94.0743, 107.9990



68.3644, 70.9230, 79.9021



14.5271, 15.0655, 17.5299



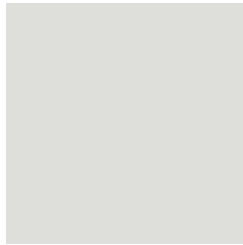
8.5348, 3.4951, 41.2732



0.6645, 0.2799, 2.8642

Previews

White Background



This preview shows how the XYZ color 69.1668, 73.3669, 76.8454 looks on a white background.

Color Contrast Check

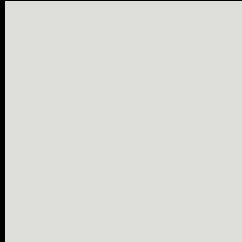
Large Text (above 18pt) WCAG AA × Fail

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 69.1668, 73.3669, 76.8454 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

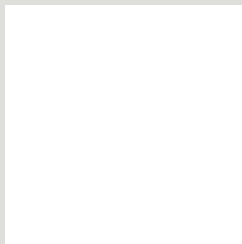
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1668, 73.3669, 76.8454

Background



This preview shows how black text looks on a background with the XYZ color 69.1668, 73.3669, 76.8454.

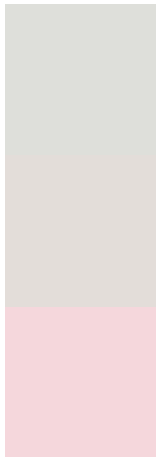


This preview shows how white text looks on a background with the XYZ color 69.1668, 73.3669,

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

69.1668, 73.3669, 76.8454

Protanopia

70.0594, 73.0536, 76.0539

Deuteranopia

74.8749, 73.1807, 77.8891



Tritanopia

71.9306, 73.3084, 90.4795

Trichromacy



Original Color

69.1668, 73.3669, 76.8454

Protanomaly

69.6970, 73.2599, 76.1128

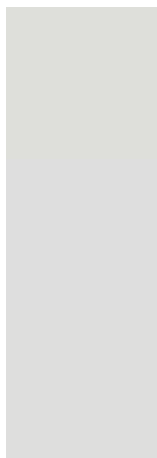
Deuteranomaly

72.7826, 73.2618, 77.3227

Tritanomaly

70.8798, 73.2734, 85.2703

Monochromacy



Original Color

69.1668, 73.3669, 76.8454

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.2966, 72.9926, 78.8433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1668, 73.3669, 76.8454 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, 223, 218) looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 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, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 218) }
```

Border

The CSS property to change the border of an element to XYZ 69.1668, 73.3669, 76.8454 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, 223, 218) }
```


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

```
.border{ border-color:rgb(222, 223, 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, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1668, 73.3669, 76.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 218) }
```

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

```
.background{ background-color: rgb(222,  
223, 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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