

Converting Colors

XYZ(69.0372, 73.3141, 76.1614)

Have a look what the booklet for
XYZ(69.0372, 73.3141, 76.1614)
contains.

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Color

**XYZ(69.0363, 73.3147,
76.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDFD9
RGB	222, 223, 217
RGB Percent	87%, 87%, 85%
CMY	0.1294, 0.1255, 0.1490
CMYK	0.00, 0.00, 0.03, 0.13
HSL	70°, 9%, 86%
HSV	70°, 3%, 87%
XYZ	69.0363, 73.3147, 76.1582
YIQ	222.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

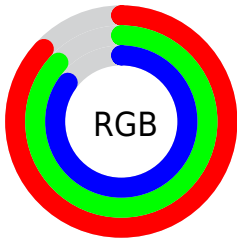
Format	Color
RYB	217, 223, 218
Decimal	14606297
CIELab	88.60, -1.40, 2.81
CIELCh	89, 3.136, 116.512
Yxy	73.3147, 0.3159, 0.3355
Android (android.graphics.Color)	4292796377 (0xFFDEDFD9)
YUV	222.0170, -2.4734, -0.0149
Hunter-Lab	85.6240, -5.9223, 7.2014

Details

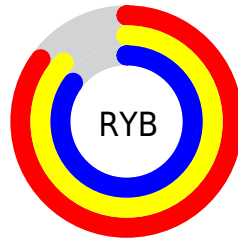
The XYZ color **69.0363, 73.3147, 76.1582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0483, 69.8608, 79.7664**, and the grayscale version is **69.4612, 73.0786, 79.5826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4606, 38.8294, 39.7556** is the 20% darker color. If you saturate the color by 10%, you get **65.2008, 71.6524, 61.8466**, and if you desaturate by 10%, it is **73.2932, 75.1532, 92.5386**.

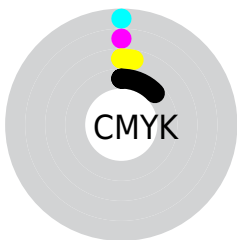
Distribution



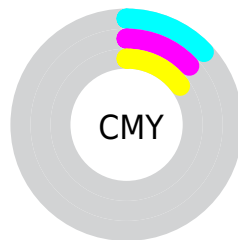
- Red (87%)
- Green (87%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0363, 73.3147, 76.1582 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 69.0363, 73.3147, 76.1582 by changing the saturation by 10% instead.

■ 69.0363, 73.3147,
76.1582

■ 69.0363, 73.3147,
76.1582

446.4784,
472.1048, 501.2503

■ 51.0180, 54.2333,
56.0548

116.8672,
123.9239, 129.7126

■ 36.4441, 38.7882,
39.8426

147.4105,
156.2204, 164.0008

■ 24.9490, 26.5950,
27.1030

182.8596,
193.6909, 203.8542

■ 16.1676, 17.2693,
17.4175

223.5798,
236.7196, 249.6916

■ 9.7344, 10.4267,
10.3675

269.9364,
285.6909, 301.9313

■ 5.2842, 5.6828,
5.5345

322.2948,

■ 2.4514, 2.6532,

340.9893, 360.9920

2.5000

381.0203,
402.9991, 427.2921

■ 0.8708, 0.9535,
0.8402

■ 0.0000, 0.0000,
0.0000

■ 69.0363, 73.3147,
76.1582

■ 69.0363, 73.3147,
76.1582

■ 65.2008, 71.6524,
61.8466

■ 73.2932, 75.1532,
92.5386

■ 61.7647, 70.1504,
49.5167

■ 76.8987, 76.7318,
105.3655

■ 58.7134, 68.8051,
39.0826

■ 78.1045, 77.3534,
105.4219

■ 56.0287, 67.6094,
30.4498

■ 79.3360, 77.9882,
105.4795

■ 53.6910, 66.5553,
23.5161

■ 80.5934, 78.6364,
105.5384

■ 51.6788, 65.6343,
18.1688

■ 81.8769, 79.2981,
105.5984

■ 49.9680, 64.8366,
14.2816

■ 83.1865, 79.9732,
105.6597

■ 48.5307, 64.1511,
11.7092

■ 84.5225, 80.6619,
105.7222

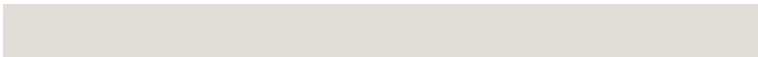
■ 47.3335, 63.5644,
10.2763

■ 85.6791, 81.2582,
105.7764

Harmonies

Analogous

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



69.7719, 73.3147, 75.7420



69.0363, 73.3147, 76.1582



68.4776, 73.3147, 77.5513

Triad

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



69.0363, 73.3147, 76.1582



68.8841, 73.3147, 83.3512



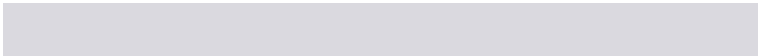
71.1450, 73.3147, 80.0809

Complementary

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



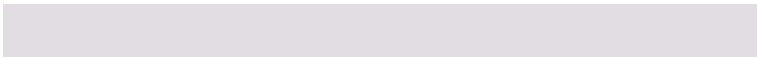
69.0363, 73.3147, 76.1582



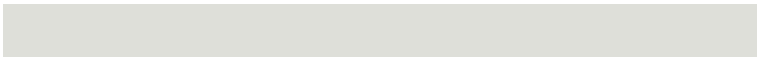
67.0483, 69.8608, 79.7664

Split Complementary

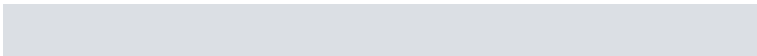
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9033, 73.3147, 82.1473



69.0363, 73.3147, 76.1582



69.5950, 73.3147, 84.0568

Square

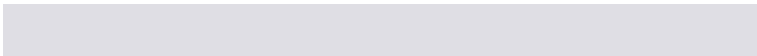
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



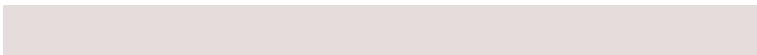
69.0363, 73.3147, 76.1582



68.3902, 73.3147, 81.7008



70.3346, 73.3147, 83.6123



70.9928, 73.3147, 77.9826

Rectangle

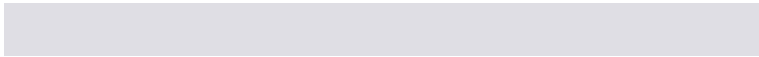
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



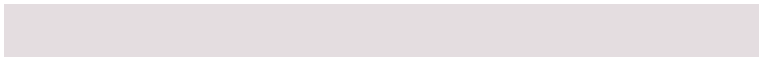
69.0363, 73.3147, 76.1582



68.2789, 73.3147, 78.8598



70.3346, 73.3147, 83.6123



71.1071, 73.3147, 80.8026

Sweetspot

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



69.0384, 73.3179, 76.1598



94.4854, 99.7561, 106.7447



68.0296, 70.8426, 75.7352



20.2297, 21.3545, 22.8705



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.



69.0384, 73.3179, 76.1598



93.3736, 99.2752, 102.5199



68.1280, 72.8485, 76.1172



15.1200, 16.1179, 16.4213



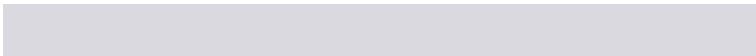
27.4644, 37.1909, 5.7310



1.9642, 2.6090, 0.4001

Inverse Universe

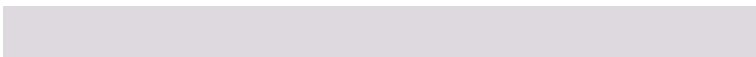
The Inverse Universe completely reimagines the original color for something new.



67.0483, 69.8608, 79.7664



90.3527, 94.0274, 107.9948



67.9533, 70.3273, 79.8088



14.5088, 15.0560, 17.5291



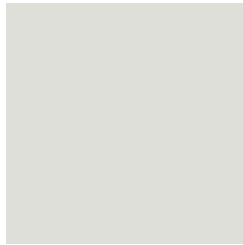
8.3501, 3.4000, 41.2645



0.6442, 0.2694, 2.8633

Previews

White Background



This preview shows how the XYZ color 69.0363, 73.3147, 76.1582 looks on a white background.

Color Contrast Check

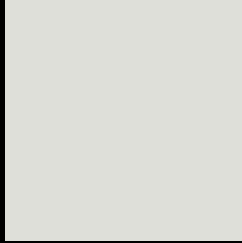
Large Text (above 18pt) WCAG AA × Fail

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 69.0363, 73.3147, 76.1582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

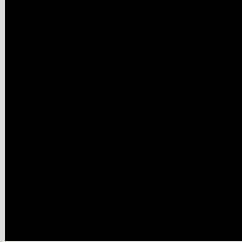
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

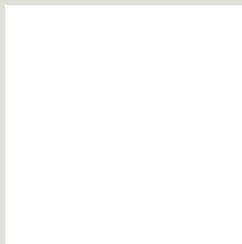
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0363, 73.3147, 76.1582

Background



This preview shows how black text looks on a background with the XYZ color 69.0363, 73.3147, 76.1582.

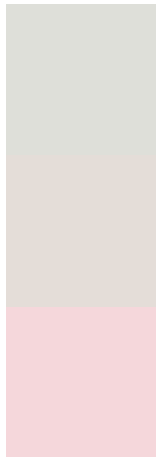


This preview shows how white text looks on a background with the XYZ color 69.0363, 73.3147,

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

69.0363, 73.3147, 76.1582

Protanopia

70.2460, 73.1648, 75.3856

Deuteranopia

74.7428, 73.1278, 77.1935



Tritanopia

71.9306, 73.3084, 90.4795

Trichromacy



Original Color

69.0363, 73.3147, 76.1582

Protanomaly

69.8800, 73.3692, 75.4443

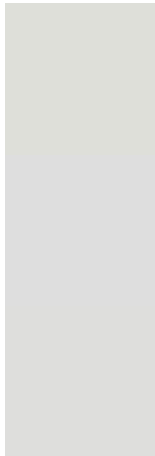
Deuteranomaly

72.6513, 73.2093, 76.6313

Tritanomaly

70.8798, 73.2734, 85.2703

Monochromacy



Original Color

69.0363, 73.3147, 76.1582

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.1637, 72.9395, 78.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0363, 73.3147, 76.1582 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 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(222, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.0363, 73.3147, 76.1582 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, 217) }
```


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

```
.border{ border-color:rgb(222, 223, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0363, 73.3147, 76.1582 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, 217) }
```

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

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