

Converting Colors

XYZ(68.8852, 74.7623, 77.0327)

Have a look what the booklet for
XYZ(68.8852, 74.7623, 77.0327)
contains.

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Color

**XYZ(69.0374, 74.9056,
77.1492)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE3DA
RGB	218, 227, 218
RGB Percent	85%, 89%, 85%
CMY	0.1451, 0.1098, 0.1451
CMYK	0.04, 0.00, 0.04, 0.11
HSL	120°, 14%, 87%
HSV	120°, 4%, 89%
XYZ	69.0374, 74.9056, 77.1492
YIQ	223.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

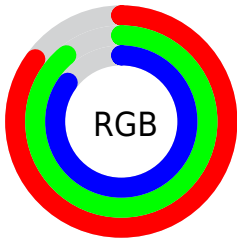
Format	Color
R _Y B	218, 227, 227
Decimal	14345178
CIE Lab	89.35, -4.64, 3.33
CIE LCh	89, 5.710, 144.268
Yxy	74.9056, 0.3123, 0.3388
Android (android.graphics.Color)	4292535258 (0xFFDAE3DA)
YUV	223.2830, -2.6045, -4.6332
Hunter-Lab	86.5480, -9.0736, 7.7323

Details

The XYZ color **69.0374, 74.9056, 77.1492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6178, 72.0216, 82.8564**, and the grayscale version is **70.3614, 74.0257, 80.6140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4676, 39.9359, 40.4367** is the 20% darker color. If you saturate the color by 10%, you get **59.9385, 70.5372, 62.2648**, and if you desaturate by 10%, it is **79.4771, 79.9225, 94.2231**.

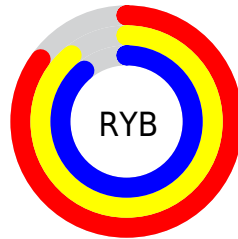
Distribution



Red (85%)

Green (89%)

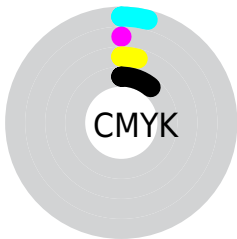
Blue (85%)



Red (85%)

Yellow (89%)

Blue (89%)

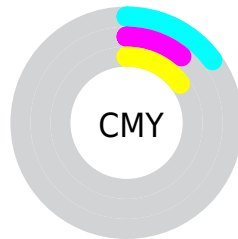


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0374, 74.9056, 77.1492 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 69.0374, 74.9056, 77.1492 by changing the saturation by 10% instead.

69.0374, 74.9056,
77.1492

69.0374, 74.9056,
77.1492

446.4822,
477.5930, 504.7237

51.0189, 55.5356,
56.8630

116.8688,
126.1787, 131.1250

36.4448, 39.8307,
40.4867

147.4124,
158.8506, 165.6517

24.9496, 27.4065,
27.6015

182.8617,
196.7252, 205.7624

16.1680, 17.8788,
17.7891

223.5822,
240.1869, 251.8756

9.7347, 10.8630,
10.6308

269.9391,
289.6202, 304.4097

5.2844, 5.9748,
5.7081

322.2978,

2.4515, 2.8298,

345.4094, 363.7834

2.6025

381.0237,
407.9389, 430.4153

■ 0.8709, 1.0435,
0.8938

■ 0.0000, 0.0000,
0.0000

■ 69.0374, 74.9056,
77.1492

■ 69.0374, 74.9056,
77.1492

■ 59.9385, 70.5372,
62.2648

■ 79.4771, 79.9225,
94.2231

■ 52.1202, 66.7816,
49.4767

■ 86.7606, 83.4211,
106.1369

■ 45.5269, 63.6145,
38.6922

■ 40.0966, 61.0061,
29.8100

■ 35.7619, 58.9239,
22.7196

■ 32.4482, 57.3321,
17.2994

■ 30.0721, 56.1908,
13.4127

■ 28.5367, 55.4533,
10.9011

■ 27.7243, 55.0630,
9.5720

Harmonies

Analogous

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



70.0973, 74.9056, 74.7460



69.0374, 74.9056, 77.1492



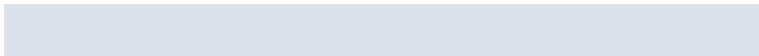
68.5563, 74.9056, 80.7936

Triad

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



69.0374, 74.9056, 77.1492



70.9276, 74.9056, 89.4552



73.6723, 74.9056, 78.4386

Complementary

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



69.0374, 74.9056, 77.1492



70.6178, 72.0216, 82.8564

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.



73.9016, 74.9056, 82.3302



69.0374, 74.9056, 77.1492



72.3052, 74.9056, 88.7749

Square

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



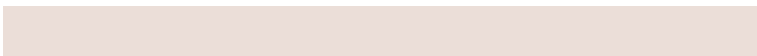
69.0374, 74.9056, 77.1492



69.6385, 74.9056, 87.9644



73.3982, 74.9056, 86.1347



72.7756, 74.9056, 75.4732

Rectangle

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



69.0374, 74.9056, 77.1492



68.6241, 74.9056, 83.4700



73.3982, 74.9056, 86.1347



73.8304, 74.9056, 79.6783

Sweetspot

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



69.0395, 74.9088, 77.1508



93.7102, 99.3564, 106.7085



71.8059, 76.3350, 77.2801



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



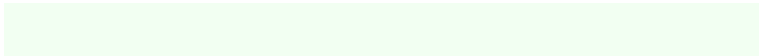
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0395, 74.9088, 77.1508



88.5285, 96.8674, 98.2331



69.6368, 75.1477, 80.2962



14.9698, 16.4641, 16.5387



16.0201, 32.0401, 5.3402



1.1838, 2.3677, 0.3947

Inverse Universe

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



70.6178, 72.0216, 82.8564



91.1165, 92.1332, 107.5885



70.0044, 71.7762, 79.6261



15.4659, 15.5566, 18.3319



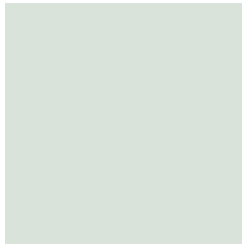
26.5606, 12.7585, 43.4426



1.9627, 0.9428, 3.2103

Previews

White Background



This preview shows how the XYZ color 69.0374, 74.9056, 77.1492 looks on a white background.

Color Contrast Check

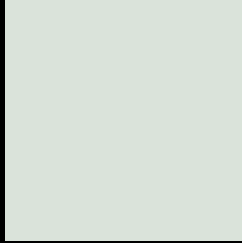
Large Text (above 18pt) WCAG AA × Fail

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 69.0374, 74.9056, 77.1492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

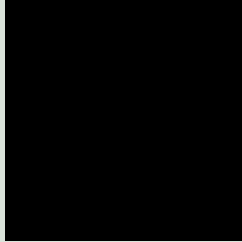
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

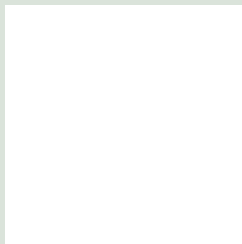
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0374, 74.9056, 77.1492

Background



This preview shows how black text looks on a background with the XYZ color 69.0374, 74.9056, 77.1492.

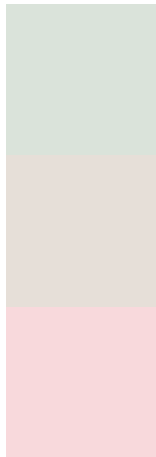


This preview shows how white text looks on a background with the XYZ color 69.0374, 74.9056,

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

69.0374, 74.9056, 77.1492

Protanopia

71.4155, 74.5562, 75.5925

Deuteranopia

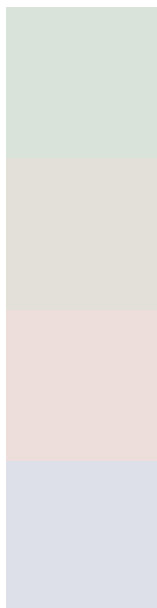
76.4425, 74.7495, 78.1093



Tritanopia

72.3891, 74.6558, 93.8138

Trichromacy



Original Color

69.0374, 74.9056, 77.1492

Protanomaly

70.5441, 74.4898, 76.3055

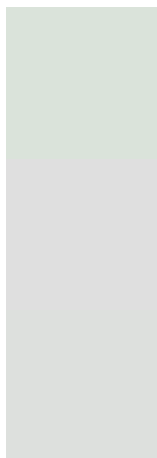
Deuteranomaly

73.5677, 74.8319, 77.5844

Tritanomaly

71.1824, 74.5667, 87.7319

Monochromacy



Original Color

69.0374, 74.9056, 77.1492

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.5256, 73.9039, 79.0071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0374, 74.9056, 77.1492 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(218, 227, 218) looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 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(218, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 218) }
```

Border

The CSS property to change the border of an element to XYZ 69.0374, 74.9056, 77.1492 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(218, 227, 218) }
```


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

```
.border{ border-color:rgb(218, 227, 218) }
```

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

Here you see how a box with a 4 pixel rgb(218, 227, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0374, 74.9056, 77.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 218) }
```

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

```
.background{ background-color: rgb(218,  
227, 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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