

Converting Colors

XYZ(69.4874, 74.8110, 79.6292)

Have a look what the booklet for
XYZ(69.4874, 74.8110, 79.6292)
contains.

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Color

**XYZ(69.5946, 74.7267,
79.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE2DE
RGB	219, 226, 222
RGB Percent	86%, 89%, 87%
CMY	0.1412, 0.1137, 0.1294
CMYK	0.03, 0.00, 0.02, 0.11
HSL	146°, 11%, 87%
HSV	146°, 3%, 89%
XYZ	69.5946, 74.7267, 79.8629
YIQ	223.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

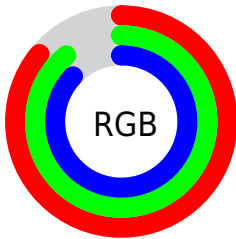
Format	Color
RYB	219, 224, 226
Decimal	14410462
CIELab	89.26, -3.07, 1.12
CIELCh	89, 3.267, 159.884
Yxy	74.7267, 0.3104, 0.3333
Android (android.graphics.Color)	4292600542 (0xFFDBE2DE)
YUV	223.4510, -0.7153, -3.9035
Hunter-Lab	86.4446, -7.5717, 5.7354

Details

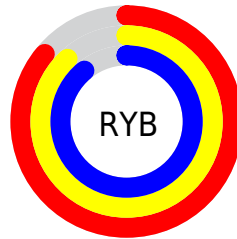
The XYZ color **69.5946, 74.7267, 79.8629** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0176, 72.1615, 80.0540**, and the grayscale version is **70.4682, 74.1380, 80.7363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8478, 39.8084, 42.3009** is the 20% darker color. If you saturate the color by 10%, you get **61.5860, 70.7927, 70.7932**, and if you desaturate by 10%, it is **78.6633, 79.1961, 89.6780**.

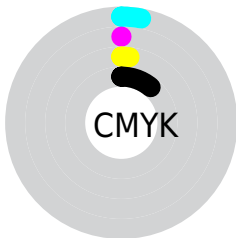
Distribution



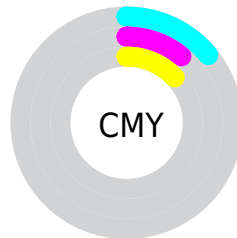
- Red (86%)
- Green (89%)
- Blue (87%)



- Red (86%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5946, 74.7267, 79.8629 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 69.5946, 74.7267, 79.8629 by changing the saturation by 10% instead.

■ 69.5946, 74.7267,
79.8629

■ 69.5946, 74.7267,
79.8629

448.4139,
476.9777, 514.1653

■ 51.4745, 55.3890,
59.0800

117.6599,
125.9254, 134.9826

■ 36.8090, 39.7133,
42.2571

148.3358,
158.5552, 170.1565

■ 25.2326, 27.3151,
28.9756

183.9276,
196.3846, 210.9646

■ 16.3801, 17.8100,
18.8169

224.8008,
239.7978, 257.8253

■ 9.8861, 10.8137,
11.3626

271.3207,
289.1794, 311.1571

■ 5.3852, 5.9417,
6.1941

323.8526,

■ 2.5120, 2.8096,

344.9136, 371.3787

2.8927

382.7619,
407.3849, 438.9086

■ 0.9013, 1.0332,
1.0401

■ 0.0000, 0.0000,
0.0000

■ 69.5946, 74.7267,
79.8629

■ 69.5946, 74.7267,
79.8629

■ 61.5860, 70.7927,
70.7932

■ 78.6633, 79.1961,
89.6780

■ 54.5912, 67.3643,
62.4468

■ 85.3564, 82.4230,
100.0880

■ 48.5700, 64.4230,
54.8073

■ 86.4878, 82.8756,
106.0459

■ 43.4766, 61.9459,
47.8559

■ 39.2618, 59.9078,
41.5732

■ 35.8714, 58.2812,
35.9386

■ 33.2449, 57.0353,
30.9305

■ 31.3129, 56.1348,
26.5258

■ 29.9919, 55.5371,
22.6998

Harmonies

Analogous

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



70.0462, 74.7267, 78.0395



69.5946, 74.7267, 79.8629



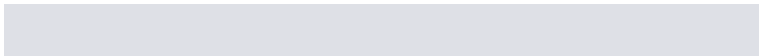
69.5248, 74.7267, 82.1212

Triad

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



69.5946, 74.7267, 79.8629



71.2892, 74.7267, 85.7705



72.2093, 74.7267, 78.5796

Complementary

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



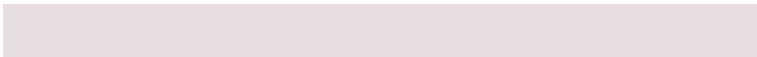
69.5946, 74.7267, 79.8629



70.0176, 72.1615, 80.0540

Split Complementary

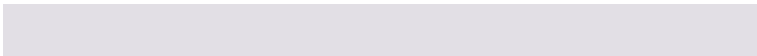
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5477, 74.7267, 80.6128



69.5946, 74.7267, 79.8629



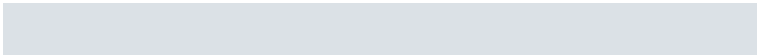
72.0138, 74.7267, 84.7830

Square

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



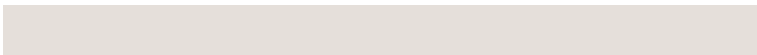
69.5946, 74.7267, 79.8629



70.4992, 74.7267, 85.5606



72.4759, 74.7267, 82.8852



71.5544, 74.7267, 77.3082

Rectangle

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



69.5946, 74.7267, 79.8629



69.7036, 74.7267, 83.5736



72.4759, 74.7267, 82.8852



72.3640, 74.7267, 79.1950

Sweetspot

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



69.5967, 74.7299, 79.8645



93.8842, 99.4260, 107.6250



70.4424, 75.2119, 77.8236



20.1074, 21.2873, 23.0497



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.



69.5967, 74.7299, 79.8645



90.4717, 97.7466, 103.8595



70.0599, 74.9152, 82.3036



14.5904, 15.8369, 16.7539



16.7982, 31.5441, 11.9261



1.2085, 2.2041, 1.0593

Inverse Universe

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



70.0176, 72.1615, 80.0540



91.1864, 93.3856, 104.1812



69.5610, 71.9788, 77.6495



14.7260, 15.0093, 16.8149



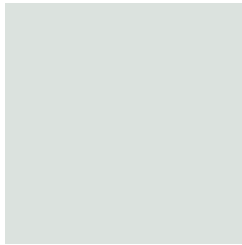
20.2217, 10.1557, 13.0993



1.4462, 0.7218, 1.1428

Previews

White Background



This preview shows how the XYZ color 69.5946, 74.7267, 79.8629 looks on a white background.

Color Contrast Check

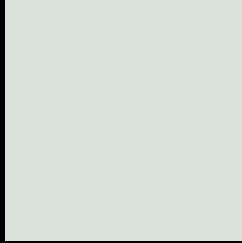
Large Text (above 18pt) WCAG AA × Fail

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 69.5946, 74.7267, 79.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

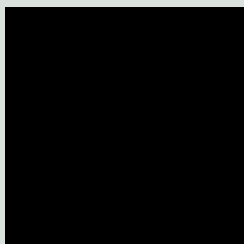
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

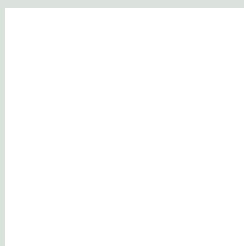
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5946, 74.7267, 79.8629

Background



This preview shows how black text looks on a background with the XYZ color 69.5946, 74.7267, 79.8629.



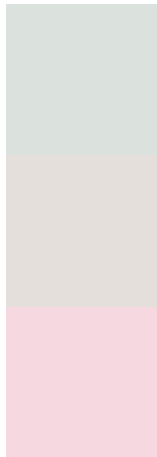
This preview shows how white text looks on a background with the XYZ color 69.5946, 74.7267,

79.8629.

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

69.5946, 74.7267, 79.8629

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

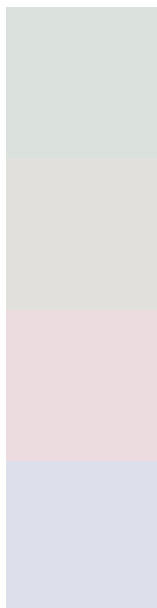
76.2734, 74.6004, 80.9003



Tritanopia

72.3891, 74.6558, 93.8138

Trichromacy



Original Color

69.5946, 74.7267, 79.8629

Protanomaly

70.7581, 74.5393, 79.0648

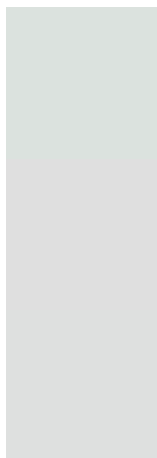
Deuteranomaly

73.5046, 74.3470, 80.2883

Tritanomaly

71.3257, 74.6240, 88.4865

Monochromacy



Original Color

69.5946, 74.7267, 79.8629

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0991, 74.1686, 80.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5946, 74.7267, 79.8629 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(219, 226, 222) looks like.

```
.text, #text, p{  
    color:rgb(219, 226, 222)  
}
```

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(219, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 222) }
```

Border

The CSS property to change the border of an element to XYZ 69.5946, 74.7267, 79.8629 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(219, 226, 222) }
```


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

```
.border{ border-color:rgb(219, 226, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 226, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 226,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5946, 74.7267, 79.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 226, 222) }
```

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

```
.background{ background-color: rgb(219,  
226, 222) }
```

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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