

Converting Colors

XYZ(68.8727, 74.4096, 79.3253)

Have a look what the booklet for
XYZ(68.8727, 74.4096, 79.3253)
contains.

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Color

**XYZ(68.8628, 74.3649,
79.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E2DD
RGB	217, 226, 221
RGB Percent	85%, 89%, 87%
CMY	0.1490, 0.1137, 0.1333
CMYK	0.04, 0.00, 0.02, 0.11
HSL	147°, 13%, 87%
HSV	147°, 4%, 89%
XYZ	68.8628, 74.3649, 79.1310
YIQ	222.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

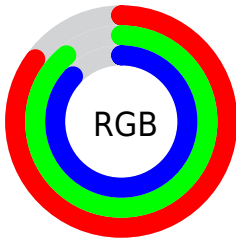
Format	Color
RYB	217, 223, 226
Decimal	14279389
CIELab	89.09, -3.92, 1.38
CIELCh	89, 4.156, 160.566
Yxy	74.3649, 0.3097, 0.3344
Android (android.graphics.Color)	4292469469 (0xFFD9E2DD)
YUV	222.7390, -0.8573, -5.0331
Hunter-Lab	86.2351, -8.3707, 5.9589

Details

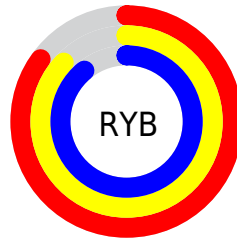
The XYZ color **68.8628, 74.3649, 79.1310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3645, 71.0704, 79.1730**, and the grayscale version is **69.9636, 73.6072, 80.1582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3461, 39.5604, 41.7967** is the 20% darker color. If you saturate the color by 10%, you get **60.9886, 70.4939, 70.3520**, and if you desaturate by 10%, it is **77.7864, 78.7666, 88.6158**.

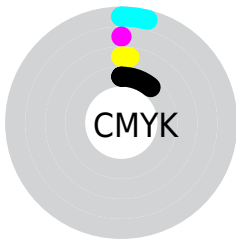
Distribution



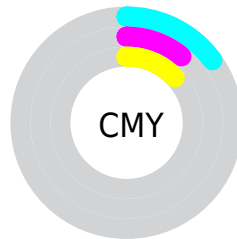
- Red (85%)
- Green (89%)
- Blue (87%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8628, 74.3649, 79.1310 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 68.8628, 74.3649, 79.1310 by changing the saturation by 10% instead.

68.8628, 74.3649,
79.1310

68.8628, 74.3649,
79.1310

445.8759,
475.7318, 511.6287

50.8762, 55.0927,
58.4816

116.6207,
125.4129, 133.9436

36.3307, 39.4760,
41.7787

147.1228,
157.9576, 168.9439

24.8610, 27.1302,
28.6037

182.5274,
195.6953, 209.5648

16.1017, 17.6710,
18.5383

223.1999,
239.0103, 256.2250

9.6875, 10.7141,
11.1637

269.5056,
288.2870, 309.3429

5.2529, 5.8749,
6.0615

321.8100,

2.4327, 2.7692,

343.9100, 369.3371

2.8131

380.4783,
406.2634, 436.6262

■ 0.8614, 1.0124,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 68.8628, 74.3649,
79.1310

■ 68.8628, 74.3649,
79.1310

■ 60.9886, 70.4939,
70.3520

■ 77.7864, 78.7666,
88.6158

■ 54.1176, 67.1238,
62.2578

■ 85.0910, 82.3169,
98.6906

■ 48.2095, 64.2363,
54.8334

■ 86.4878, 82.8756,
106.0459

■ 43.2186, 61.8081,
48.0613

■ 39.0955, 59.8141,
41.9235

■ 35.7858, 58.2267,
36.4010

■ 33.2287, 57.0149,
31.4735

■ 31.3542, 56.1430,
27.1199

■ 30.0774, 55.5676,
23.3170

Harmonies

Analogous

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



69.4240, 74.3649, 76.8115



68.8628, 74.3649, 79.1310



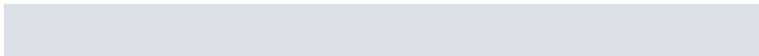
68.7863, 74.3649, 81.9967

Triad

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



68.8628, 74.3649, 79.1310



71.0389, 74.3649, 86.5724



72.1698, 74.3649, 77.4011

Complementary

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



68.8628, 74.3649, 79.1310



69.3645, 71.0704, 79.1730

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.



72.6114, 74.3649, 79.9534



68.8628, 74.3649, 79.1310



71.9544, 74.3649, 85.2775

Square

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



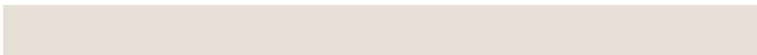
68.8628, 74.3649, 79.1310



70.0363, 74.3649, 86.3395



72.5322, 74.3649, 82.8388



71.3309, 74.3649, 75.8293

Rectangle

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



68.8628, 74.3649, 79.1310



69.0197, 74.3649, 83.8373



72.5322, 74.3649, 82.8388



72.3700, 74.3649, 78.1703

Sweetspot

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



68.8649, 74.3681, 79.1326



93.8907, 99.4286, 107.6592



69.8784, 74.9514, 76.4308



20.1087, 21.2878, 23.0566



0.0000, 0.0000, 0.0000



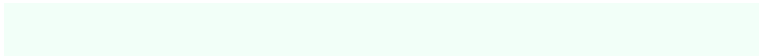
20.3446, 21.4041, 23.3091

Same Dimension

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



68.8649, 74.3681, 79.1326



89.3938, 97.2135, 102.7898



69.4595, 74.6059, 82.2637



14.4284, 15.7567, 16.5966



16.8967, 31.5835, 12.4450



1.2157, 2.2070, 1.0971

Inverse Universe

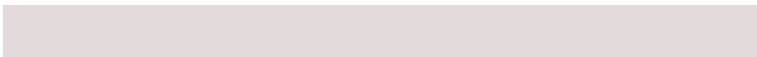
The Inverse Universe completely reimagines the original color for something new.



69.3645, 71.0704, 79.1730



90.2179, 91.7737, 102.8564



68.7818, 70.8373, 76.1046



14.5785, 14.7653, 16.6087



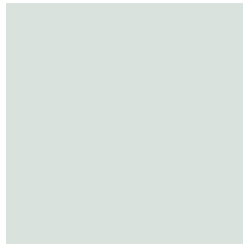
20.0875, 10.1020, 12.3926



1.4372, 0.7182, 1.0953

Previews

White Background



This preview shows how the XYZ color 68.8628, 74.3649, 79.1310 looks on a white background.

Color Contrast Check

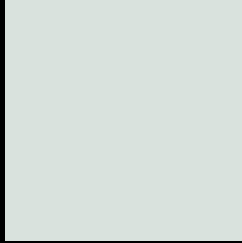
Large Text (above 18pt) WCAG AA × Fail

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 68.8628, 74.3649, 79.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

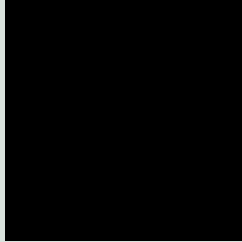
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

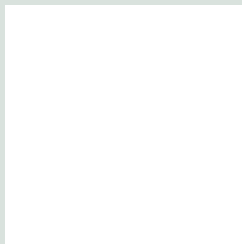
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.8628, 74.3649, 79.1310

Background



This preview shows how black text looks on a background with the XYZ color 68.8628, 74.3649, 79.1310.



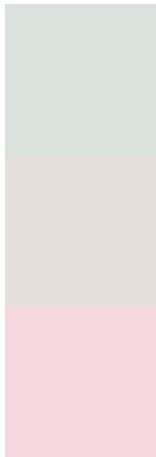
This preview shows how white text looks on a background with the XYZ color 68.8628, 74.3649,

79.1310.

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

68.8628, 74.3649, 79.1310

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

75.5313, 73.8519, 80.0860



Tritanopia

71.7801, 74.3419, 93.7853

Trichromacy



Original Color

68.8628, 74.3649, 79.1310

Protanomaly

70.6253, 74.4862, 78.3651

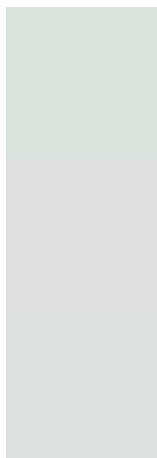
Deuteranomaly

73.0390, 74.1225, 79.5647

Tritanomaly

70.7204, 74.3119, 88.4582

Monochromacy



Original Color

68.8628, 74.3649, 79.1310

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.6593, 73.9574, 79.7110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8628, 74.3649, 79.1310 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(217, 226, 221) looks like.

```
.text, #text, p{  
    color:rgb(217, 226, 221)  
}
```

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(217, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 226, 221) }
```

Border

The CSS property to change the border of an element to XYZ 68.8628, 74.3649, 79.1310 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(217, 226, 221) }
```


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

```
.border{ border-color:rgb(217, 226, 221) }
```

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

Here you see how a box with a 4 pixel rgb(217, 226, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 226,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8628, 74.3649, 79.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 226, 221) }
```

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

```
.background{ background-color: rgb(217,  
226, 221) }
```

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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