

Converting Colors

XYZ(68.4743, 73.5738, 78.6558)

Have a look what the booklet for
XYZ(68.4743, 73.5738, 78.6558)
contains.

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Color

**XYZ(68.5916, 73.8226,
79.0406)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E1DD
RGB	217, 225, 221
RGB Percent	85%, 88%, 87%
CMY	0.1490, 0.1176, 0.1333
CMYK	0.04, 0.00, 0.02, 0.12
HSL	150°, 12%, 87%
HSV	150°, 4%, 88%
XYZ	68.5916, 73.8226, 79.0406
YIQ	222.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

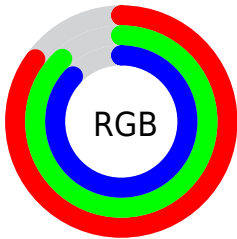
Format	Color
R _Y B	217, 222, 225
Decimal	14279133
CIE Lab	88.84, -3.41, 1.01
CIE LCh	89, 3.552, 163.485
Yxy	73.8226, 0.3097, 0.3334
Android (android.graphics.Color)	4292469213 (0xFFD9E1DD)
YUV	222.1520, -0.5679, -4.5183
Hunter-Lab	85.9201, -7.8603, 5.6013

Details

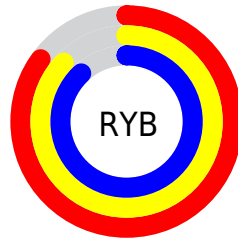
The XYZ color **68.5916, 73.8226, 79.0406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9180, 70.8556, 78.4543**, and the grayscale version is **69.5459, 73.1677, 79.6797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1580, 39.1840, 41.7339** is the 20% darker color. If you saturate the color by 10%, you get **60.9048, 70.0295, 71.1142**, and if you desaturate by 10%, it is **77.2950, 78.1323, 87.5425**.

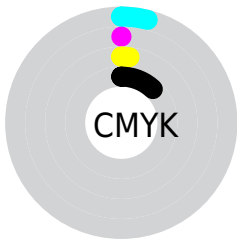
Distribution



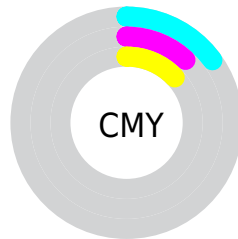
- Red (85%)
- Green (88%)
- Blue (87%)



- Red (85%)
- Yellow (87%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5916, 73.8226, 79.0406 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 68.5916, 73.8226, 79.0406 by changing the saturation by 10% instead.

■ 68.5916, 73.8226,
79.0406

■ 68.5916, 73.8226,
79.0406

444.9332,
473.8609, 511.3149

■ 50.6546, 54.6489,
58.4077

116.2353,
124.6443, 133.8152

■ 36.1537, 39.1207,
41.7196

146.6728,
157.0610, 168.7940

■ 24.7236, 26.8536,
28.5579

182.0078,
194.6609, 209.3917

■ 15.9989, 17.4633,
18.5039

222.6057,
237.8283, 256.0271

■ 9.6142, 10.5654,
11.1392

268.8318,
286.9476, 309.1185

■ 5.2042, 5.7754,
6.0452

321.0515,

■ 2.4036, 2.7090,

342.4032, 369.0846

2.8033

379.6302,
404.5795, 436.3439

■ 0.8469, 0.9818,
0.9951

■ 0.0000, 0.0000,
0.0000

■ 68.5916, 73.8226,
79.0406

■ 68.5916, 73.8226,
79.0406

■ 60.9048, 70.0295,
71.1142

■ 77.2950, 78.1323,
87.5425

■ 54.1898, 66.7239,
63.7463

■ 84.4218, 81.6153,
96.5040

■ 48.4074, 63.8879,
56.9263

■ 86.1792, 82.3183,
105.7585

■ 43.5135, 61.4991,
50.6412

■ 86.2166, 82.3333,
105.9555

■ 39.4601, 59.5329,
44.8774

■ 36.1948, 57.9625,
39.6210

■ 33.6585, 56.7578,
34.8570

■ 31.7834, 55.8841,
30.5697

■ 30.4877, 55.2995,
26.7421

Harmonies

Analogous

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



69.0336, 73.8226, 76.9906



68.5916, 73.8226, 79.0406



68.5693, 73.8226, 81.4904

Triad

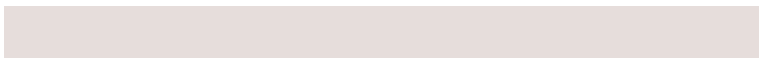
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5916, 73.8226, 79.0406



70.5527, 73.8226, 85.0774



71.3736, 73.8226, 77.1629

Complementary

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



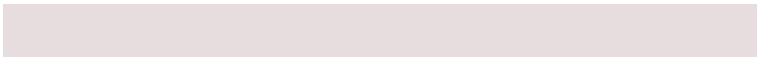
68.5916, 73.8226, 79.0406



68.9180, 70.8556, 78.4543

Split Complementary

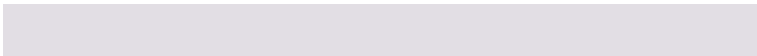
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7876, 73.8226, 79.2802



68.5916, 73.8226, 79.0406



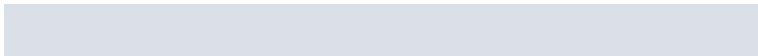
71.3111, 73.8226, 83.8680

Square

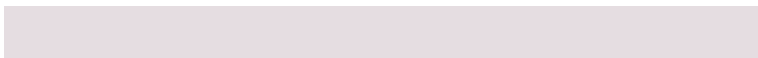
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



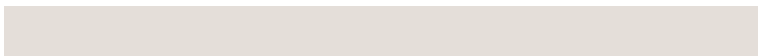
68.5916, 73.8226, 79.0406



69.6968, 73.8226, 85.0100



71.7646, 73.8226, 81.7350



70.6376, 73.8226, 75.9217

Rectangle

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



68.5916, 73.8226, 79.0406



68.7951, 73.8226, 83.0234



71.7646, 73.8226, 81.7350



71.5554, 73.8226, 77.7939

Sweetspot

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



68.5937, 73.8258, 79.0422



93.9133, 99.4377, 107.7783



69.3117, 74.2567, 76.3265



20.1133, 21.2897, 23.0809



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.



68.5937, 73.8258, 79.0422



90.5857, 97.7922, 104.4598



69.1155, 74.0345, 81.7899



14.6121, 15.8456, 16.8677



17.2743, 31.7346, 14.4334



1.2426, 2.2177, 1.2385

Inverse Universe

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



68.9180, 70.8556, 78.4543



91.0719, 93.3399, 103.5786



68.4081, 70.6516, 75.7692



14.7043, 15.0007, 16.7005



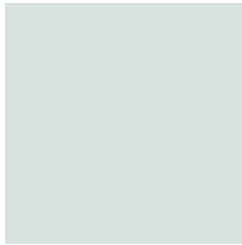
19.6552, 9.9291, 10.1162



1.4076, 0.7063, 0.9392

Previews

White Background



This preview shows how the XYZ color 68.5916, 73.8226, 79.0406 looks on a white background.

Color Contrast Check

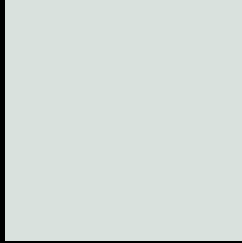
Large Text (above 18pt) WCAG AA × Fail

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 68.5916, 73.8226, 79.0406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

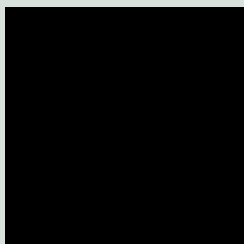
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

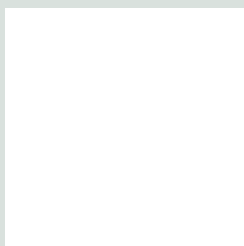
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5916, 73.8226, 79.0406

Background



This preview shows how black text looks on a background with the XYZ color 68.5916, 73.8226, 79.0406.



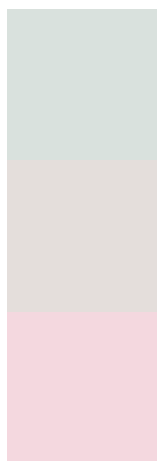
This preview shows how white text looks on a background with the XYZ color 68.5916, 73.8226,

79.0406.

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

68.5916, 73.8226, 79.0406

Protanopia

70.9024, 73.8510, 77.5355

Deuteranopia

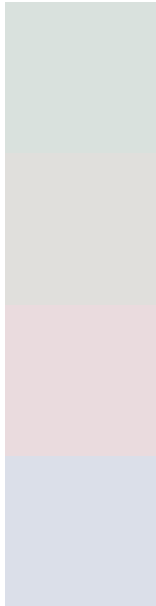
75.1834, 73.6725, 80.0697



Tritanopia

71.3647, 73.7495, 92.9118

Trichromacy



Original Color

68.5916, 73.8226, 79.0406

Protanomaly

70.0464, 73.7900, 78.2612

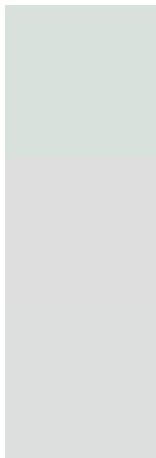
Deuteranomaly

72.4480, 73.4294, 79.4621

Tritanomaly

70.3091, 73.7186, 87.6142

Monochromacy



Original Color

68.5916, 73.8226, 79.0406

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.0877, 73.2649, 79.6075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5916, 73.8226, 79.0406 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, 225, 221) looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 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, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 221) }
```

Border

The CSS property to change the border of an element to XYZ 68.5916, 73.8226, 79.0406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

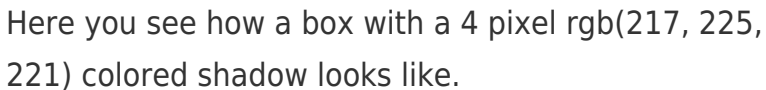
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 225, 221) }
```


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

```
.border{ border-color:rgb(217, 225, 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, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 225, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 225, 221); box-shadow:4px 4px 4px 4px rgb(217, 225, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5916, 73.8226, 79.0406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 225, 221) }
```

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

```
.background{ background-color: rgb(217,  
225, 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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