

Converting Colors

XYZ(68.0447, 73.7865, 81.6313)

Have a look what the booklet for
XYZ(68.0447, 73.7865, 81.6313)
contains.

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Color

**XYZ(68.2275, 73.9751,
81.9168)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E2E1
RGB	213, 226, 225
RGB Percent	84%, 89%, 88%
CMY	0.1647, 0.1137, 0.1176
CMYK	0.06, 0.00, 0.00, 0.11
HSL	175°, 18%, 86%
HSV	175°, 6%, 89%
XYZ	68.2275, 73.9751, 81.9168
YIQ	221.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

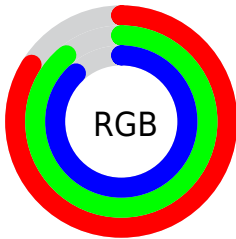
Format	Color
R_{YB}	213, 220, 226
Decimal	14017249
CIE _{Lab}	88.91, -4.51, -1.02
CIE _{LCh}	89, 4.626, 192.741
Yxy	73.9751, 0.3044, 0.3301
Android (android.graphics.Color)	4292207329 (0xFFD5E2E1)
YUV	221.9990, 1.4795, -7.8921
Hunter-Lab	86.0088, -8.9181, 3.7369

Details

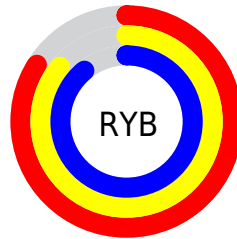
The XYZ color **68.2275, 73.9751, 81.9168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2986, 68.6142, 73.3186**, and the grayscale version is **69.4258, 73.0414, 79.5421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9192, 39.2972, 43.7222** is the 20% darker color. If you saturate the color by 10%, you get **61.8873, 70.7360, 80.3856**, and if you desaturate by 10%, it is **75.4879, 77.6924, 83.5068**.

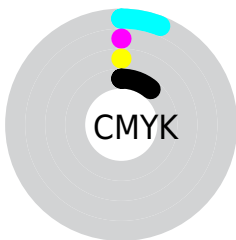
Distribution



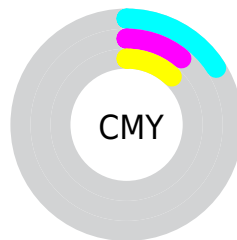
- Red (84%)
- Green (89%)
- Blue (88%)



- Red (84%)
- Yellow (86%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2275, 73.9751, 81.9168 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 68.2275, 73.9751, 81.9168 by changing the saturation by 10% instead.

■ 68.2275, 73.9751,
81.9168

■ 68.2275, 73.9751,
81.9168

443.6657,
474.3874, 521.2455

■ 50.3572, 54.7737,
60.7615

115.7177,
124.8605, 137.8930

■ 35.9163, 39.2205,
43.6034

146.0682,
157.3133, 173.5509

■ 24.5393, 26.9313,
30.0240

181.3096,
194.9519, 214.8802

■ 15.8611, 17.5217,
19.6046

221.8071,
238.1609, 262.2994

■ 9.5161, 10.6071,
11.9267

267.9261,
287.3245, 316.2270

■ 5.1391, 5.8033,
6.5719

320.0320,

■ 2.3647, 2.7259,

342.8272, 377.0815

3.1215

378.4901,
405.0534, 445.2815

■ 0.8275, 0.9903,
1.1570

■ 0.0000, 0.0000,
0.0000

■ 68.2275, 73.9751,
81.9168

■ 68.2275, 73.9751,
81.9168

■ 61.8873, 70.7360,
80.3856

■ 75.4879, 77.6924,
83.5068

■ 56.4234, 67.9463,
78.9066


■ 82.5095, 81.2843,
85.0968


■ 51.7977, 65.5885,
77.4794


■ 82.7537, 81.3819,
86.3824

■ 47.9670, 63.6402,
76.1019


■ 83.0003, 81.4805,
87.6810


 44.8841, 62.0772,
74.7721


 83.2493, 81.5802,
88.9925


 42.4967, 60.8724,
73.4872


 83.5008, 81.6808,
90.3169


 40.7460, 59.9956,
72.2447

 83.7548, 81.7824,
91.6544

 39.5633, 59.4113,
71.0411

 84.0113, 81.8850,
93.0050

 38.8640, 59.0759,
69.8726

 84.2703, 81.9885,
94.3687

Harmonies

Analogous

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



68.2707, 73.9751, 78.7268



68.2275, 73.9751, 81.9168



68.7383, 73.9751, 84.8134

Triad

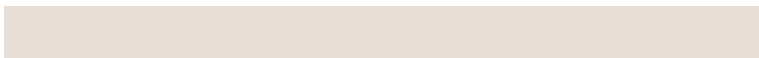
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2275, 73.9751, 81.9168



71.7857, 73.9751, 85.1704



70.9532, 73.9751, 74.7881

Complementary

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



68.2275, 73.9751, 81.9168



67.2986, 68.6142, 73.3186

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.



71.9077, 73.9751, 76.4248



68.2275, 73.9751, 81.9168



72.3918, 73.9751, 82.3937

Square

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



68.2275, 73.9751, 81.9168



70.7880, 73.9751, 86.7251



72.4367, 73.9751, 79.1912



69.8363, 73.9751, 74.6681

Rectangle

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



68.2275, 73.9751, 81.9168



69.3275, 73.9751, 86.1653



72.4367, 73.9751, 79.1912



71.3040, 73.9751, 75.1771

Sweetspot

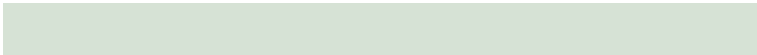
The Sweet Spot groups the original color and five complimentary colors.



68.2296, 73.9782, 81.9184



93.1352, 99.0202, 108.4799



66.9646, 73.5087, 73.6110



19.9548, 21.2047, 23.2236



0.0000, 0.0000, 0.0000



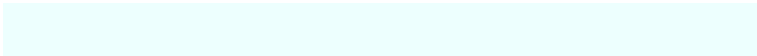
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2296, 73.9782, 81.9184



88.5641, 96.6819, 107.4428



66.9167, 71.1327, 82.1584



14.3328, 15.6883, 17.4585



22.0701, 33.6529, 39.6875



1.5435, 2.3381, 2.8235

Inverse Universe

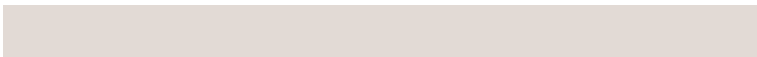
The Inverse Universe completely reimagines the original color for something new.



67.2986, 68.6142, 73.3186



87.0779, 88.1194, 93.7152



68.5565, 71.3345, 73.1074



14.0746, 14.2008, 15.0738



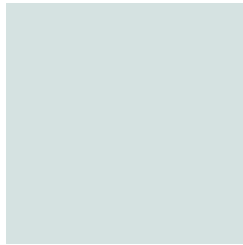
17.9696, 9.2549, 1.2399



1.2607, 0.6476, 0.1659

Previews

White Background



This preview shows how the XYZ color 68.2275, 73.9751, 81.9168 looks on a white background.

Color Contrast Check

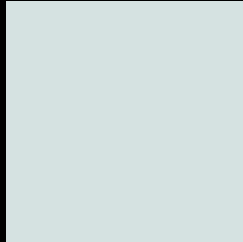
Large Text (above 18pt) WCAG AA × Fail

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 68.2275, 73.9751, 81.9168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

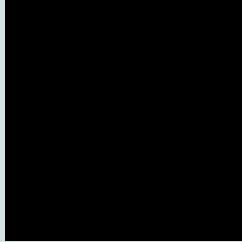
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

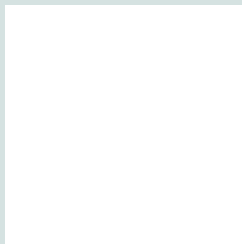
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2275, 73.9751, 81.9168

Background



This preview shows how black text looks on a background with the XYZ color 68.2275, 73.9751, 81.9168.



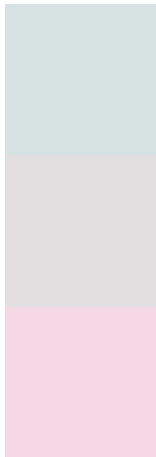
This preview shows how white text looks on a background with the XYZ color 68.2275, 73.9751,

81.9168.

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

68.2275, 73.9751, 81.9168

Protanopia

71.1191, 73.9012, 80.3280

Deuteranopia

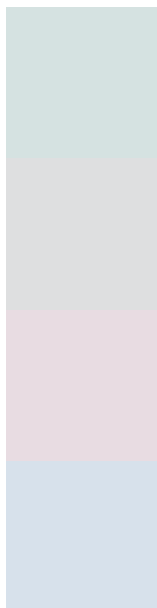
75.3831, 73.7125, 82.9279



Tritanopia

70.8517, 74.2611, 93.8186

Trichromacy



Original Color

68.2275, 73.9751, 81.9168

Protanomaly

69.9664, 73.6868, 81.0564

Deuteranomaly

72.5994, 73.8332, 82.3763

Tritanomaly

69.9449, 74.2957, 89.2513

Monochromacy



Original Color

68.2275, 73.9751, 81.9168

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.9204, 73.1631, 80.3014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2275, 73.9751, 81.9168 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(213, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 225)  
}
```

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(213, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 225) }
```

Border

The CSS property to change the border of an element to XYZ 68.2275, 73.9751, 81.9168 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(213, 226, 225) }
```


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

```
.border{ border-color:rgb(213, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 226, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 226, 225); box-shadow:4px 4px 4px 4px rgb(213, 226, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2275, 73.9751, 81.9168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 225) }
```

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

```
.background{ background-color: rgb(213,  
226, 225) }
```

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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