

Converting Colors

XYZ(69.9903, 75.4115, 81.1597)

Have a look what the booklet for
XYZ(69.9903, 75.4115, 81.1597)
contains.

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Color

**XYZ(69.8371, 75.2254,
81.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE3E0
RGB	218, 227, 224
RGB Percent	85%, 89%, 88%
CMY	0.1451, 0.1098, 0.1216
CMYK	0.04, 0.00, 0.01, 0.11
HSL	160°, 14%, 87%
HSV	160°, 4%, 89%
XYZ	69.8371, 75.2254, 81.3602
YIQ	223.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

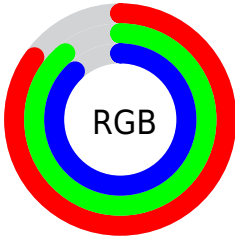
Format	Color
R _Y B	218, 223, 227
Decimal	14345184
CIE Lab	89.50, -3.55, 0.41
CIE LCh	89, 3.575, 173.476
Yxy	75.2254, 0.3084, 0.3322
Android (android.graphics.Color)	4292535264 (0xFFDAE3E0)
YUV	223.9670, 0.0163, -5.2331
Hunter-Lab	86.7326, -8.0538, 5.0953

Details

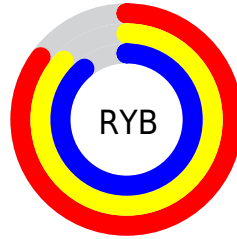
The XYZ color **69.8371, 75.2254, 81.3602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8039, 71.6962, 78.5699**, and the grayscale version is **70.8319, 74.5207, 81.1530**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0182, 40.1562, 43.3360** is the 20% darker color. If you saturate the color by 10%, you get **62.5043, 71.5634, 75.7756**, and if you desaturate by 10%, it is **78.1497, 79.3915, 87.2326**.

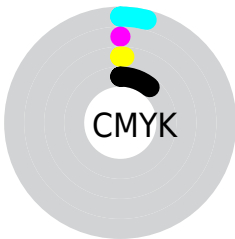
Distribution



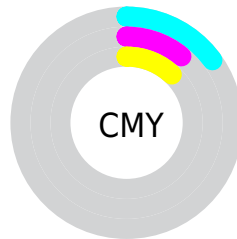
- Red (85%)
- Green (89%)
- Blue (88%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8371, 75.2254, 81.3602 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 69.8371, 75.2254, 81.3602 by changing the saturation by 10% instead.

■ 69.8371, 75.2254,
81.3602

■ 69.8371, 75.2254,
81.3602

449.2532,
478.6919, 519.3322

■ 51.6729, 55.7976,
60.3056

118.0040,
126.6314, 137.1050

■ 36.9676, 40.0406,
43.2381

148.7373,
159.3783, 172.6323

■ 25.3560, 27.5702,
29.7392

184.3910,
197.3337, 213.8209

■ 16.4726, 18.0019,
19.3903

225.3305,
240.8820, 261.0893

■ 9.9522, 10.9514,
11.7730

271.9211,
290.4076, 314.8561

■ 5.4293, 6.0342,
6.4686

324.5282,

■ 2.5386, 2.8659,

346.2948, 375.5399

3.0587

383.5171,
408.9282, 443.5590

■ 0.9148, 1.0621,
1.1247

■ 0.0000, 0.0000,
0.0000

■ 69.8371, 75.2254,
81.3602

■ 69.8371, 75.2254,
81.3602

■ 62.5043, 71.5634,
75.7756

■ 78.1497, 79.3915,
87.2326

■ 56.1067, 68.3761,
70.4690

■ 84.3123, 82.4417,
93.2446

■ 50.6058, 65.6460,
65.4370

■ 85.4558, 82.8991,
99.2665

■ 45.9578, 63.3504,
60.6743

■ 86.6468, 83.3755,
105.5383

■ 42.1151, 61.4651,
56.1754

■ 86.7605, 83.4210,
106.1368

■ 39.0254, 59.9629,
51.9346

■ 36.6299, 58.8138,
47.9457

■ 34.8605, 57.9827,
44.2021

■ 33.6347, 57.4271,
40.6962

Harmonies

Analogous

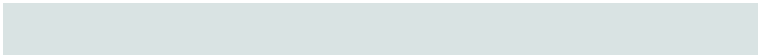
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1529, 75.2254, 79.0668



69.8371, 75.2254, 81.3602



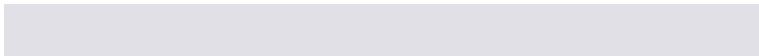
69.9638, 75.2254, 83.8468

Triad

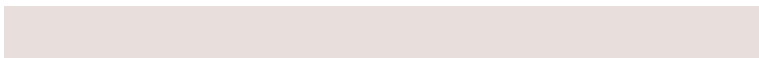
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8371, 75.2254, 81.3602



72.1734, 75.2254, 86.4178



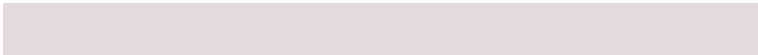
72.5078, 75.2254, 78.0875

Complementary

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



69.8371, 75.2254, 81.3602



69.8039, 71.6962, 78.5699

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.



73.0574, 75.2254, 79.9987



69.8371, 75.2254, 81.3602



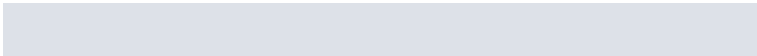
72.8632, 75.2254, 84.8158

Square

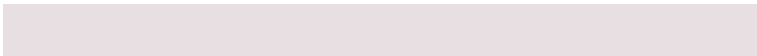
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



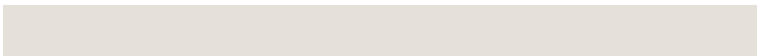
69.8371, 75.2254, 81.3602



71.3081, 75.2254, 86.8003



73.1880, 75.2254, 82.4576



71.6912, 75.2254, 77.2024

Rectangle

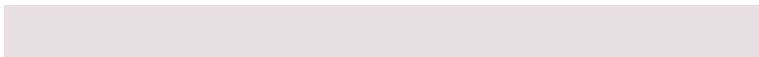
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



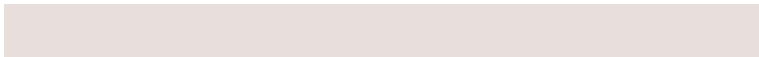
69.8371, 75.2254, 81.3602



70.2827, 75.2254, 85.2759



73.1880, 75.2254, 82.4576



72.7302, 75.2254, 78.6294

Sweetspot

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



69.8392, 75.2286, 81.3618



93.9814, 99.4649, 108.1367



69.9910, 75.3992, 77.1954



20.1271, 21.2952, 23.1538



0.0000, 0.0000, 0.0000



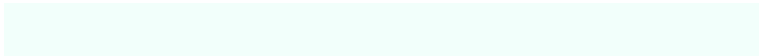
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8392, 75.2286, 81.3618



89.8365, 97.3906, 105.1209



69.8823, 74.6571, 83.4039



15.2201, 16.5642, 17.8569



19.3470, 33.3709, 22.8596



1.4724, 2.4831, 1.9140

Inverse Universe

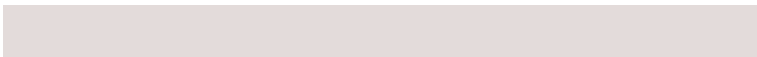
The Inverse Universe completely reimagines the original color for something new.



69.8039, 71.6962, 78.5699



89.7785, 91.5980, 100.5427



69.7588, 72.2408, 76.5980



15.2090, 15.4539, 16.9794



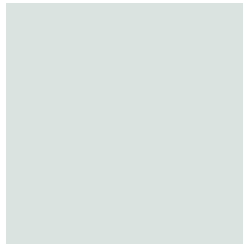
19.2787, 9.8457, 5.0967



1.4665, 0.7443, 0.5972

Previews

White Background



This preview shows how the XYZ color 69.8371, 75.2254, 81.3602 looks on a white background.

Color Contrast Check

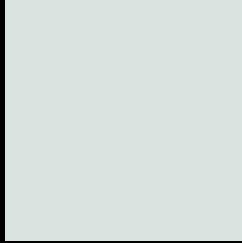
Large Text (above 18pt) WCAG AA × Fail

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 69.8371, 75.2254, 81.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

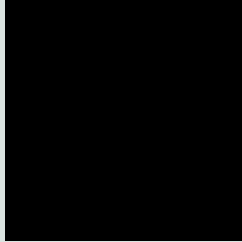
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

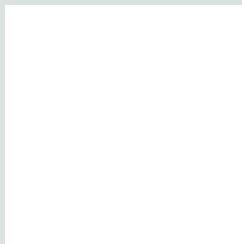
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8371, 75.2254, 81.3602

Background



This preview shows how black text looks on a background with the XYZ color 69.8371, 75.2254, 81.3602.



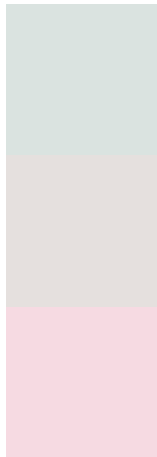
This preview shows how white text looks on a background with the XYZ color 69.8371, 75.2254,

81.3602.

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

69.8371, 75.2254, 81.3602

Protanopia

72.1536, 75.2432, 79.8277

Deuteranopia

76.8049, 75.2266, 82.4236



Tritanopia

72.5015, 75.0943, 94.6778

Trichromacy



Original Color

69.8371, 75.2254, 81.3602

Protanomaly

71.2958, 75.1857, 80.5666

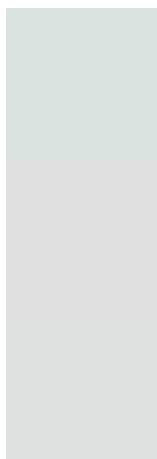
Deuteranomaly

74.0391, 74.9820, 81.8049

Tritanomaly

71.4358, 75.0642, 89.3210

Monochromacy



Original Color

69.8371, 75.2254, 81.3602

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.5040, 74.7618, 81.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8371, 75.2254, 81.3602 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.8371, 75.2254, 81.3602 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, 224) }
```


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

```
.border{ border-color:rgb(218, 227, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8371, 75.2254, 81.3602 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, 224) }
```

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

```
.background{ background-color: rgb(218,  
227, 224) }
```

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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