

Converting Colors

XYZ(71.5199, 76.9580, 81.7584)

Have a look what the booklet for
XYZ(71.5199, 76.9580, 81.7584)
contains.

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Color

**XYZ(71.5981, 76.9500,
81.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE5E0
RGB	222, 229, 224
RGB Percent	87%, 90%, 88%
CMY	0.1294, 0.1019, 0.1216
CMYK	0.03, 0.00, 0.02, 0.10
HSL	137°, 12%, 88%
HSV	137°, 3%, 90%
XYZ	71.5981, 76.9500, 81.6002
YIQ	226.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

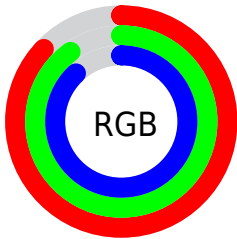
Format	Color
R _Y B	222, 227, 229
Decimal	14607840
CIE Lab	90.30, -3.24, 1.61
CIE LCh	90, 3.617, 153.612
Yxy	76.9500, 0.3111, 0.3343
Android (android.graphics.Color)	4292797920 (0xFFDEE5E0)
YUV	226.3370, -1.1521, -3.8035
Hunter-Lab	87.7211, -7.8201, 6.2519

Details

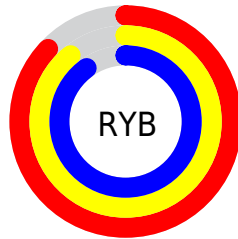
The XYZ color **71.5981, 76.9500, 81.6002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3024, 74.4487, 83.2363**, and the grayscale version is **72.5438, 76.3218, 83.1144**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2338, 41.3522, 43.5027** is the 20% darker color. If you saturate the color by 10%, you get **62.9418, 72.7339, 70.1644**, and if you desaturate by 10%, it is **81.4250, 81.7493, 94.2087**.

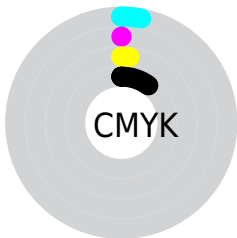
Distribution



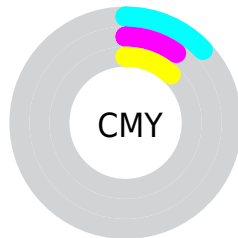
- Red (87%)
- Green (90%)
- Blue (88%)



- Red (87%)
- Yellow (89%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5981, 76.9500, 81.6002 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 71.5981, 76.9500, 81.6002 by changing the saturation by 10% instead.

■ 71.5981, 76.9500,
81.6002

■ 71.5981, 76.9500,
81.6002

455.3209,
484.5935, 520.1577

■ 53.1147, 57.2118,
60.5022

120.4989,
129.0689, 137.4448

■ 38.1222, 41.1753,
43.3956

151.6470,
162.2184, 173.0285

■ 26.2552, 28.4561,
29.8619

187.7473,
200.6072, 214.2778

■ 17.1483, 18.6698,
19.4826

229.1653,
244.6196, 261.6113

■ 10.4363, 11.4319,
11.8392

276.2663,
294.6401, 315.4475

■ 5.7536, 6.3581,
6.5131

329.4157,

■ 2.7351, 3.0640,

351.0529, 376.2049

3.0857

388.9788,
414.2426, 444.3021

■ 1.0153, 1.1653,
1.1386

■ 0.0000, 0.0331,
0.0000

■ 71.5981, 76.9500,
81.6002

■ 71.5981, 76.9500,
81.6002

■ 62.9418, 72.7339,
70.1644

■ 81.4250, 81.7493,
94.2087

■ 55.4054, 69.0689,
59.8628

■ 87.3108, 84.5215,
106.3203

■ 48.9441, 65.9350,
50.6621

■ 43.5077, 63.3068,
42.5257

■ 39.0415, 61.1572,
35.4148

■ 35.4859, 59.4561,
29.2883

■ 32.7743, 58.1702,
24.1023

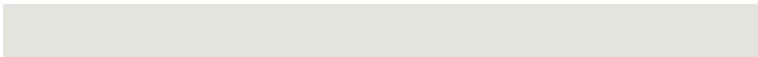
■ 30.8305, 57.2612,
19.8093

■ 29.5634, 56.6831,
16.3577

Harmonies

Analogous

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



72.1841, 76.9500, 79.7221



71.5981, 76.9500, 81.6002



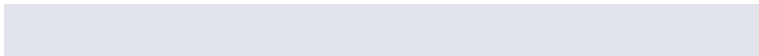
71.4237, 76.9500, 84.0984

Triad

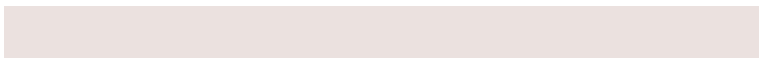
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5981, 76.9500, 81.6002



73.2478, 76.9500, 88.8340



74.5906, 76.9500, 81.0695

Complementary

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



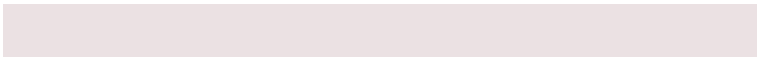
71.5981, 76.9500, 81.6002



72.3024, 74.4487, 83.2363

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.



74.8808, 76.9500, 83.4733



71.5981, 76.9500, 81.6002



74.1016, 76.9500, 87.9846

Square

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



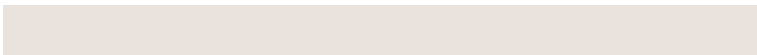
71.5981, 76.9500, 81.6002



72.3716, 76.9500, 88.3079



74.7012, 76.9500, 86.0094



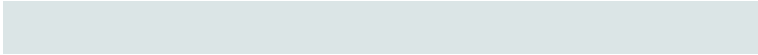
73.9111, 76.9500, 79.4201

Rectangle

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



71.5981, 76.9500, 81.6002



71.5632, 76.9500, 85.7880



74.7012, 76.9500, 86.0094



74.7371, 76.9500, 81.8143

Sweetspot

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



71.6003, 76.9533, 81.6019



93.8261, 99.4028, 107.3189



72.8910, 77.6498, 80.2546



20.0955, 21.2826, 22.9873



0.0000, 0.0000, 0.0000



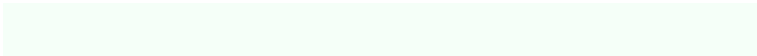
20.3446, 21.4041, 23.3091

Same Dimension

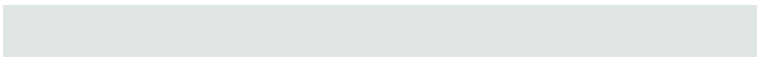
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6003, 76.9533, 81.6019



90.2452, 97.6560, 102.6664



72.0781, 77.1444, 84.1180



15.2605, 16.5965, 17.3375



16.6170, 32.2789, 8.4832



1.2670, 2.4009, 0.8324

Inverse Universe

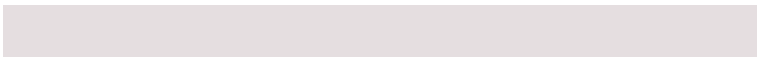
The Inverse Universe completely reimagines the original color for something new.



72.3024, 74.4487, 83.2363



91.4165, 93.4777, 105.3929



71.8259, 74.2581, 80.7272



15.4943, 15.7626, 17.8816



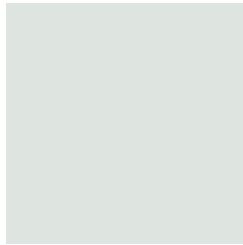
22.3404, 11.0704, 21.2195



1.6904, 0.8339, 1.7761

Previews

White Background



This preview shows how the XYZ color 71.5981, 76.9500, 81.6002 looks on a white background.

Color Contrast Check

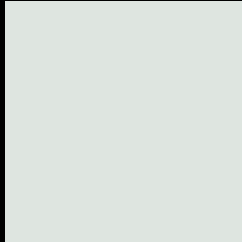
Large Text (above 18pt) WCAG AA × Fail

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 71.5981, 76.9500, 81.6002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

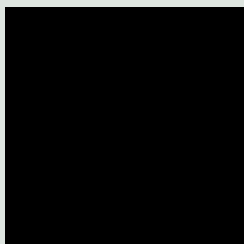
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

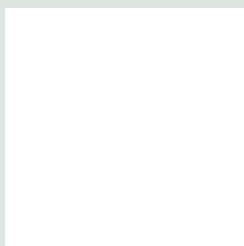
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5981, 76.9500, 81.6002

Background



This preview shows how black text looks on a background with the XYZ color 71.5981, 76.9500, 81.6002.



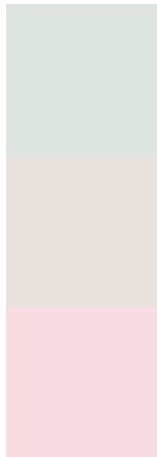
This preview shows how white text looks on a background with the XYZ color 71.5981, 76.9500,

81.6002.

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

71.5981, 76.9500, 81.6002

Protanopia

73.6599, 76.8224, 80.0532

Deuteranopia

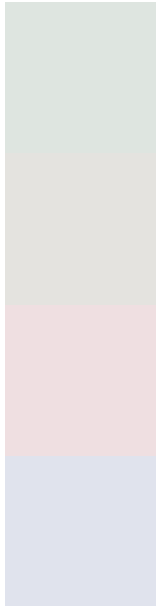
78.3876, 76.8171, 82.6472



Tritanopia

74.5768, 76.9319, 96.5067

Trichromacy



Original Color

71.5981, 76.9500, 81.6002

Protanomaly

72.7833, 76.7599, 80.7921

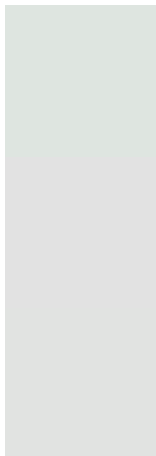
Deuteranomaly

75.5749, 76.5623, 82.0289

Tritanomaly

73.4956, 76.8999, 91.0903

Monochromacy



Original Color

71.5981, 76.9500, 81.6002

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1110, 76.3820, 82.1767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5981, 76.9500, 81.6002 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(222, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(222, 229, 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(222, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 229, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.5981, 76.9500, 81.6002 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(222, 229, 224) }
```


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

```
.border{ border-color:rgb(222, 229, 224) }
```

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

Here you see how a box with a 4 pixel rgb(222, 229, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 229,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5981, 76.9500, 81.6002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 229, 224) }
```

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

```
.background{ background-color: rgb(222,  
229, 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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