

Converting Colors

XYZ(71.9661, 76.4639, 81.6860)

Have a look what the booklet for
XYZ(71.9661, 76.4639, 81.6860)
contains.

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Color

**XYZ(71.9750, 76.3275,
81.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E3E0
RGB	225, 227, 224
RGB Percent	88%, 89%, 88%
CMY	0.1176, 0.1098, 0.1216
CMYK	0.01, 0.00, 0.01, 0.11
HSL	100°, 5%, 88%
HSV	100°, 1%, 89%
XYZ	71.9750, 76.3275, 81.4602
YIQ	226.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

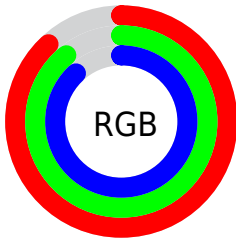
Format	Color
R_{YB}	224, 227, 226
Decimal	14803936
CIE _{Lab}	90.01, -1.20, 1.22
CIE _{LCh}	90, 1.711, 134.722
Yxy	76.3275, 0.3133, 0.3322
Android (android.graphics.Color)	4292994016 (0xFFE1E3E0)
YUV	226.0600, -1.0156, -0.9296
Hunter-Lab	87.3656, -5.8350, 5.8736

Details

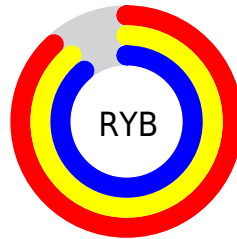
The XYZ color **71.9750, 76.3275, 81.4602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8876, 75.0281, 83.3698**, and the grayscale version is **72.3412, 76.1086, 82.8822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4915, 40.9157, 43.4049** is the 20% darker color. If you saturate the color by 10%, you get **64.5869, 72.8533, 66.1022**, and if you desaturate by 10%, it is **80.1972, 80.1886, 99.0060**.

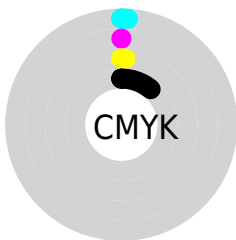
Distribution



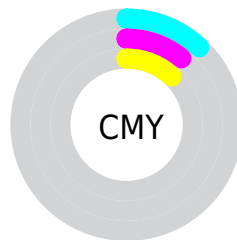
- Red (88%)
- Green (89%)
- Blue (88%)



- Red (88%)
- Yellow (89%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9750, 76.3275, 81.4602 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 71.9750, 76.3275, 81.4602 by changing the saturation by 10% instead.

■ 71.9750, 76.3275,
81.4602

■ 71.9750, 76.3275,
81.4602

456.6136,
482.4681, 519.6763

■ 53.4236, 56.7011,
60.3875

121.0320,
128.1897, 137.2466

■ 38.3699, 40.7653,
43.3037

152.2683,
161.1944, 172.7974

■ 26.4484, 28.1357,
29.7903

188.4637,
199.4272, 214.0113

■ 17.2938, 18.4280,
19.4288

229.9835,
243.2726, 261.3069

■ 10.5408, 11.2577,
11.8006

277.1930,
293.1150, 315.1026

■ 5.8240, 6.2405,
6.4871

330.4576,

■ 2.7780, 2.9918,

349.3388, 375.8170

3.0700

390.1427,
412.3283, 443.8687

■ 1.0375, 1.1275,
1.1305

■ 0.0000, 0.0012,
0.0000

■ 71.9750, 76.3275,
81.4602

■ 71.9750, 76.3275,
81.4602

■ 64.5869, 72.8533,
66.1022

■ 80.1972, 80.1886,
99.0060

■ 57.9995, 69.7440,
52.8414

■ 86.7605, 83.4211,
106.1368

■ 52.1863, 66.9903,
41.5880

■ 47.1172, 64.5786,
32.2442

■ 42.7597, 62.4946,
24.7037

■ 39.0787, 60.7228,
18.8498

■ 36.0360, 59.2462,
14.5523

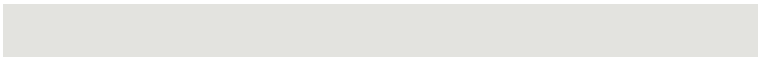
■ 33.5886, 58.0460,
11.6616

■ 31.6872, 57.1005,
9.9992

Harmonies

Analogous

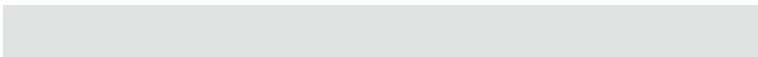
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3401, 76.3275, 80.8705



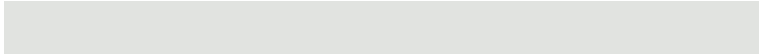
71.9750, 76.3275, 81.4602



71.7636, 76.3275, 82.4941

Triad

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



71.9750, 76.3275, 81.4602



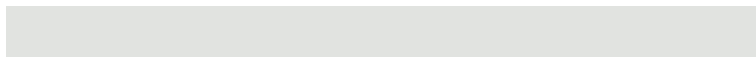
72.3325, 76.3275, 85.3797



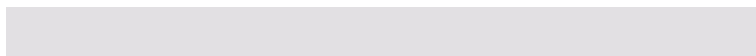
73.3381, 76.3275, 82.5159

Complementary

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



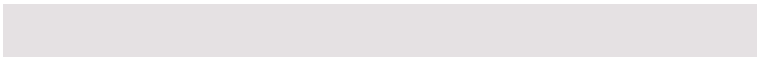
71.9750, 76.3275, 81.4602



71.8876, 75.0281, 83.3698

Split Complementary

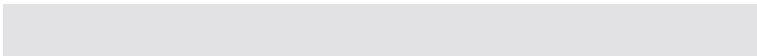
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3361, 76.3275, 83.7242



71.9750, 76.3275, 81.4602



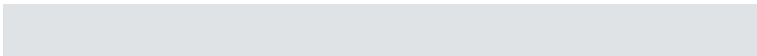
72.7543, 76.3275, 85.3857

Square

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



71.9750, 76.3275, 81.4602



71.9694, 76.3275, 84.7610



73.1220, 76.3275, 84.7772



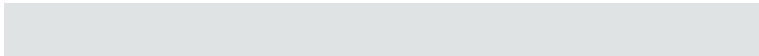
73.1276, 76.3275, 81.4760

Rectangle

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



71.9750, 76.3275, 81.4602



71.7378, 76.3275, 83.3000



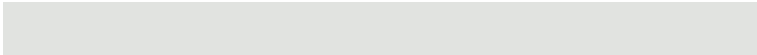
73.1220, 76.3275, 84.7772



73.3623, 76.3275, 82.9157

Sweetspot

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



71.9772, 76.3308, 81.4619

95.0500, 100.0000, 108.9000



72.3324, 76.1086, 81.4002



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



71.9772, 76.3308, 81.4619



92.9991, 99.0363, 104.5746



71.7343, 76.1977, 81.8055



15.8906, 16.9098, 17.8888



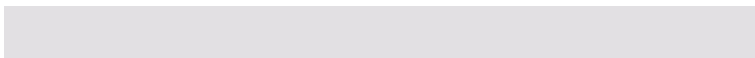
17.8494, 32.9832, 5.4256



1.4146, 2.4866, 0.4054

Inverse Universe

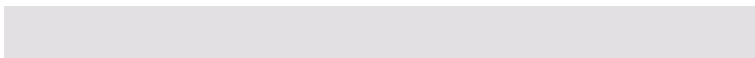
The Inverse Universe completely reimagines the original color for something new.



71.8876, 75.0281, 83.3698



92.8226, 96.4684, 108.3357



72.1331, 75.1627, 83.0211



15.8622, 16.4975, 18.4926



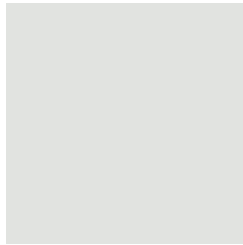
15.7033, 7.1612, 42.9378



1.2579, 0.5794, 3.1775

Previews

White Background



This preview shows how the XYZ color 71.9750, 76.3275, 81.4602 looks on a white background.

Color Contrast Check

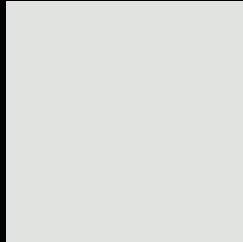
Large Text (above 18pt) WCAG AA × Fail

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 71.9750, 76.3275, 81.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

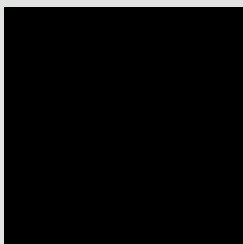
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

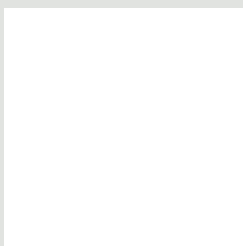
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9750, 76.3275, 81.4602

Background



This preview shows how black text looks on a background with the XYZ color 71.9750, 76.3275, 81.4602.



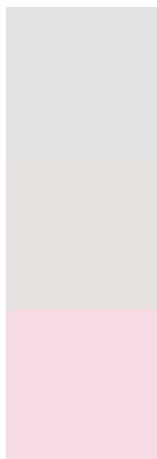
This preview shows how white text looks on a background with the XYZ color 71.9750, 76.3275,

81.4602.

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

71.9750, 76.3275, 81.4602

Protanopia

73.1995, 76.1671, 80.6557

Deuteranopia

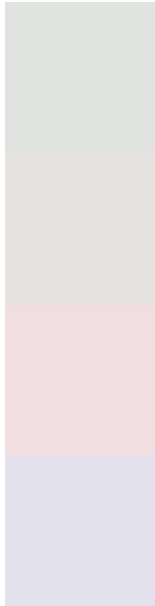
77.7704, 76.1105, 82.5434



Tritanopia

74.6776, 76.2161, 94.7796

Trichromacy



Original Color

71.9750, 76.3275, 81.4602

Protanomaly

72.8287, 76.3784, 80.7161

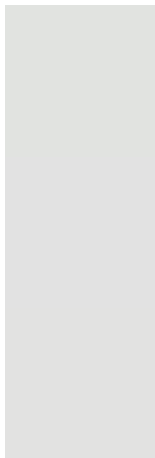
Deuteranomaly

75.6471, 76.2041, 81.9560

Tritanomaly

73.5992, 76.1795, 89.4223

Monochromacy



Original Color

71.9750, 76.3275, 81.4602

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1510, 75.9977, 82.1004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9750, 76.3275, 81.4602 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(225, 227, 224) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.9750, 76.3275, 81.4602 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(225, 227, 224) }
```

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

```
.border{ border-color:rgb(225, 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(225, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 71.9750, 76.3275, 81.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 224) }
```

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

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