

Converting Colors

XYZ(76.1803, 79.9078, 81.7585)

Have a look what the booklet for
XYZ(76.1803, 79.9078, 81.7585)
contains.

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Color

**XYZ(76.0123, 79.6376,
81.8863)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE6E0
RGB	235, 230, 224
RGB Percent	92%, 90%, 88%
CMY	0.0784, 0.0980, 0.1216
CMYK	0.00, 0.02, 0.05, 0.08
HSL	33°, 22%, 90%
HSV	33°, 5%, 92%
XYZ	76.0123, 79.6376, 81.8863
YIQ	230.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

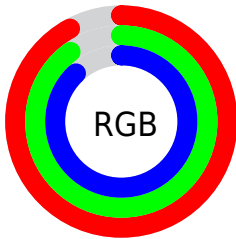
Format	Color
R _Y B	233, 235, 224
Decimal	15460064
CIE Lab	91.52, 0.65, 3.50
CIE LCh	92, 3.565, 79.486
Yxy	79.6376, 0.3200, 0.3353
Android (android.graphics.Color)	4293650144 (0xFFE6E0)
YUV	230.8110, -3.3578, 3.6738
Hunter-Lab	89.2399, -4.1280, 8.0636

Details

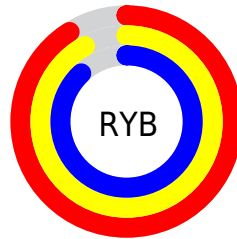
The XYZ color **76.0123, 79.6376, 81.8863** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7551, 77.8829, 89.7438**, and the grayscale version is **75.8386, 79.7881, 86.8893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0818, 43.1082, 43.6916** is the 20% darker color. If you saturate the color by 10%, you get **70.1638, 72.6928, 65.2845**, and if you desaturate by 10%, it is **82.4877, 87.1293, 100.8722**.

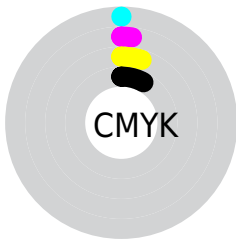
Distribution



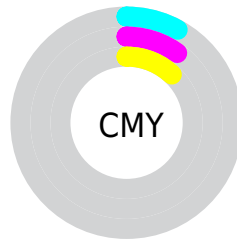
- Red (92%)
- Green (90%)
- Blue (88%)



- Red (91%)
- Yellow (92%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0123, 79.6376, 81.8863 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 76.0123, 79.6376, 81.8863 by changing the saturation by 10% instead.

■ 76.0123, 79.6376,
81.8863

■ 76.0123, 79.6376,
81.8863

470.3335,
493.7107, 521.1408

■ 56.7397, 59.4202,
60.7366

126.7246,
132.8561, 137.8498

■ 41.0356, 42.9515,
43.5834

158.8949,
166.6260, 173.5006

■ 28.5347, 29.8470,
30.0084

196.0952,
205.6821, 214.8222

■ 18.8716, 19.7225,
19.5928

238.6908,
250.4089, 262.2331

■ 11.6810, 12.1935,
11.9183

287.0471,
301.1908, 316.1519

■ 6.5975, 6.8756,
6.5662

341.5294,

■ 3.2558, 3.3844,

358.4121, 376.9971

3.1180

402.5031,
422.4573, 445.1872

■ 1.2904, 1.3356,
1.1552

■ 0.1760, 0.1685,
0.0000

■ 76.0123, 79.6376,
81.8863

■ 76.0123, 79.6376,
81.8863

■ 70.1638, 72.6928,
65.2845

■ 82.4877, 87.1293,
100.8722

■ 64.9144, 66.2709,
50.9659

■ 86.9185, 94.0966,
108.1891

■ 60.2437, 60.3610,
38.8302

■ 88.0714, 96.4024,
108.5734

■ 56.1277, 54.9481,
28.7673

■ 52.5403, 50.0161,
20.6575

■ 49.4531, 45.5477,
14.3689

■ 46.8344, 41.5244,
9.7527

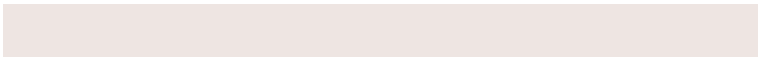
■ 44.6476, 37.9253,
6.6362

■ 42.8489, 34.7263,
4.8086

Harmonies

Analogous

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



76.8334, 79.6376, 82.9645



76.0123, 79.6376, 81.8863



75.1121, 79.6376, 82.0814

Triad

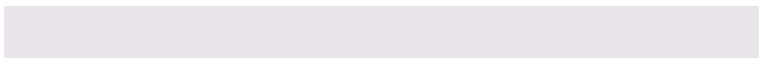
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0123, 79.6376, 81.8863



74.0586, 79.6376, 88.3910



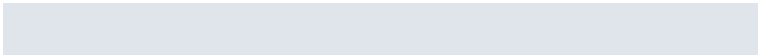
77.0287, 79.6376, 90.0020

Complementary

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



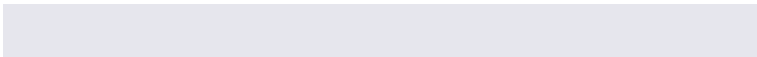
76.0123, 79.6376, 81.8863



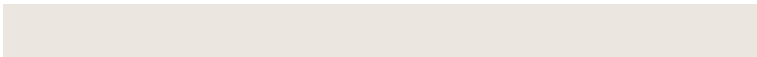
73.7551, 77.8829, 89.7438

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.



76.2772, 79.6376, 91.5132



76.0123, 79.6376, 81.8863



74.5642, 79.6376, 90.5703

Square

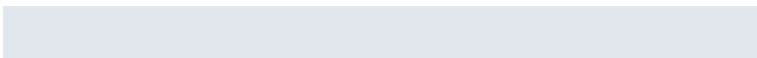
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



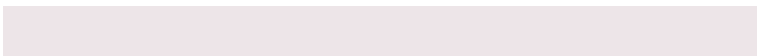
76.0123, 79.6376, 81.8863



73.9889, 79.6376, 85.8023



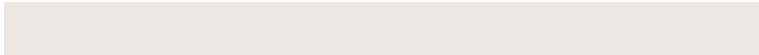
75.3749, 79.6376, 91.7233



77.4234, 79.6376, 87.6278

Rectangle

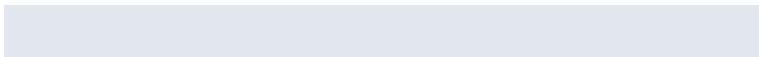
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0123, 79.6376, 81.8863



74.5880, 79.6376, 82.9084



75.3749, 79.6376, 91.7233



76.8092, 79.6376, 90.6297

Sweetspot

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



76.0145, 79.6411, 81.8880



94.2738, 99.1001, 106.6293



75.0792, 76.6392, 85.0632



20.1867, 21.2210, 22.8470



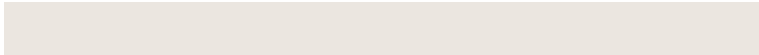
0.0000, 0.0000, 0.0000



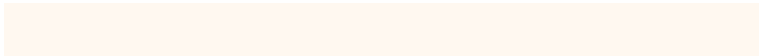
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0145, 79.6411, 81.8880



90.5068, 94.6998, 95.7133



77.3039, 82.3994, 82.3525



16.1106, 16.8468, 16.8958



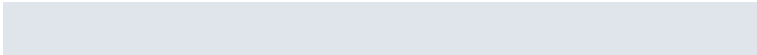
23.5129, 18.7201, 2.3741



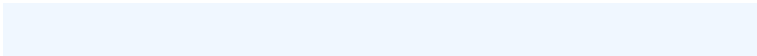
1.9423, 1.6619, 0.2184

Inverse Universe

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



73.7551, 77.8829, 89.7438



87.0369, 91.9997, 107.7781



72.5064, 75.2166, 89.2950



15.4310, 16.3180, 19.2586



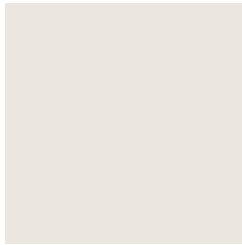
11.3800, 9.4071, 44.9589



0.9886, 0.9287, 3.5620

Previews

White Background



This preview shows how the XYZ color 76.0123, 79.6376, 81.8863 looks on a white background.

Color Contrast Check

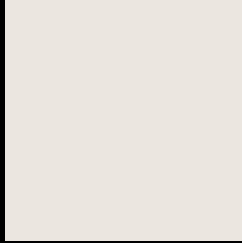
Large Text (above 18pt) WCAG AA × Fail

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 76.0123, 79.6376, 81.8863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

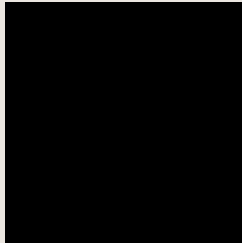
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

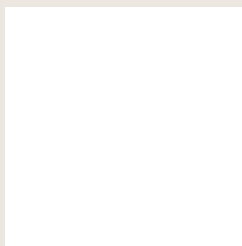
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0123, 79.6376, 81.8863

Background



This preview shows how black text looks on a background with the XYZ color 76.0123, 79.6376, 81.8863.



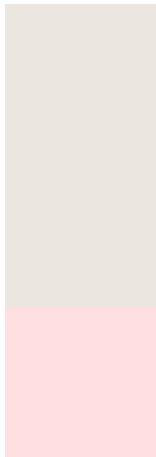
This preview shows how white text looks on a background with the XYZ color 76.0123, 79.6376,

81.8863.

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

76.0123, 79.6376, 81.8863

Protanopia

76.3434, 79.8083, 81.9018

Deuteranopia

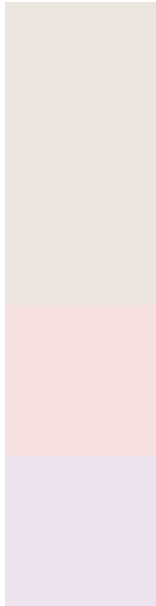
81.2183, 79.4716, 82.2930



Tritanopia

79.2104, 79.7079, 97.5965

Trichromacy



Original Color

76.0123, 79.6376, 81.8863

Protanomaly

76.3434, 79.8083, 81.9018

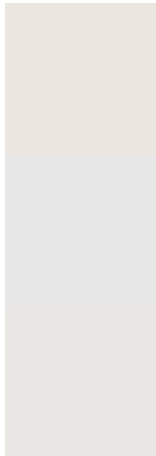
Deuteranomaly

79.4984, 79.7854, 82.4443

Tritanomaly

77.9545, 79.6058, 91.3776

Monochromacy



Original Color

76.0123, 79.6376, 81.8863

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8582, 79.9091, 84.8246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0123, 79.6376, 81.8863 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(235, 230, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 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(235, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.0123, 79.6376, 81.8863 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(235, 230, 224) }
```


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

```
.border{ border-color:rgb(235, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0123, 79.6376, 81.8863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 224) }
```

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

```
.background{ background-color: rgb(235,  
230, 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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