

Converting Colors

XYZ(73.6687, 76.7485, 80.8493)

Have a look what the booklet for
XYZ(73.6687, 76.7485, 80.8493)
contains.

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Color

**XYZ(73.7944, 76.8762,
80.7613)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2DF
RGB	232, 226, 223
RGB Percent	91%, 89%, 87%
CMY	0.0902, 0.1137, 0.1255
CMYK	0.00, 0.03, 0.04, 0.09
HSL	20°, 16%, 89%
HSV	20°, 4%, 91%
XYZ	73.7944, 76.8762, 80.7613
YIQ	227.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

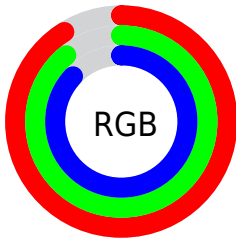
Format	Color
RYB	232, 228, 223
Decimal	15262431
CIELab	90.26, 1.51, 2.17
CIELCh	90, 2.648, 55.180
Yxy	76.8762, 0.3189, 0.3322
Android (android.graphics.Color)	4293452511 (0xFFE8E2DF)
YUV	227.4520, -2.1948, 3.9886
Hunter-Lab	87.6791, -3.2053, 6.7633

Details

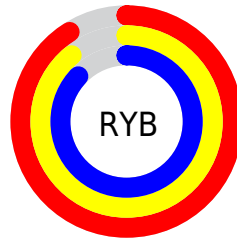
The XYZ color **73.7944, 76.8762, 80.7613** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0164, 77.5519, 87.4657**, and the grayscale version is **73.3577, 77.1781, 84.0469**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5353, 41.1831, 42.9112** is the 20% darker color. If you saturate the color by 10%, you get **66.8636, 67.6814, 64.0618**, and if you desaturate by 10%, it is **81.5371, 87.0070, 99.8479**.

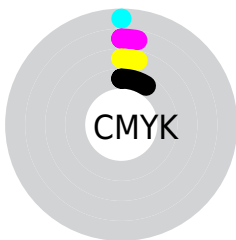
Distribution



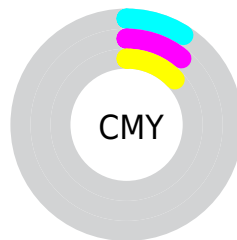
- Red (91%)
- Green (89%)
- Blue (87%)



- Red (91%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7944, 76.8762, 80.7613 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 73.7944, 76.8762, 80.7613 by changing the saturation by 10% instead.

■ 73.7944, 76.8762,
80.7613

■ 73.7944, 76.8762,
80.7613

462.8247,
484.3418, 517.2690

■ 54.9165, 57.1513,
59.8152

123.6014,
128.9647, 136.2566

■ 39.5684, 41.1267,
42.8454

155.2611,
162.0971, 171.6429

■ 27.3849, 28.4181,
29.4333

191.9122,
200.4674, 212.6796

■ 18.0006, 18.6411,
19.1605

233.9199,
244.4600, 259.7853

■ 11.0501, 11.4112,
11.6083

281.6497,
294.4594, 313.3786

■ 6.1681, 6.3441,
6.3583

335.4669,

■ 2.9892, 3.0554,

350.8499, 373.8779

2.9918

395.7368,
414.0159, 441.7019

■ 1.1480, 1.1607,
1.0905

■ 0.0647, 0.0293,
0.0000

■ 73.7944, 76.8762,
80.7613

■ 73.7944, 76.8762,
80.7613

■ 66.8636, 67.6814,
64.0618

■ 81.5371, 87.0070,
99.8479

■ 60.7109, 59.3857,
49.6497

■ 87.0892, 95.8961,
108.5274

■ 55.3097, 51.9643,
37.4260

■ 50.6292, 45.3876,
27.2822

■ 46.6364, 39.6241,
19.1004

■ 43.2953, 34.6403,
12.7510

■ 40.5664, 30.4000,
8.0884

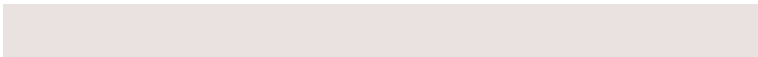
■ 38.4052, 26.8637,
4.9444

■ 36.7593, 23.9873,
3.1152

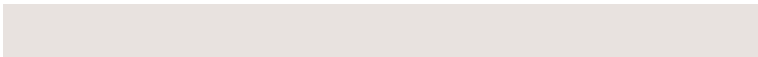
Harmonies

Analogous

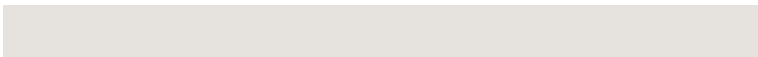
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2212, 76.8762, 82.1707



73.7944, 76.8762, 80.7613



73.1750, 76.8762, 80.1410

Triad

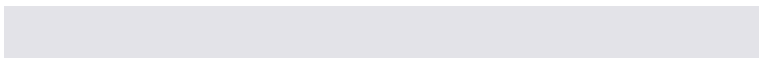
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7944, 76.8762, 80.7613



71.8132, 76.8762, 83.4006



73.6089, 76.8762, 87.0322

Complementary

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



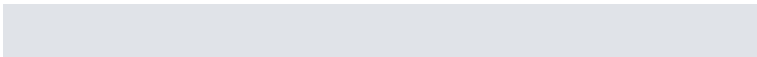
73.7944, 76.8762, 80.7613



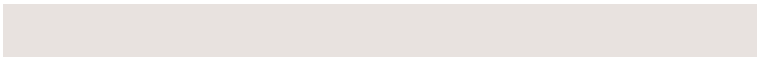
73.0164, 77.5519, 87.4657

Split Complementary

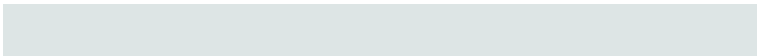
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9621, 76.8762, 87.3733



73.7944, 76.8762, 80.7613



71.9279, 76.8762, 85.2585

Square

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



73.7944, 76.8762, 80.7613



72.0333, 76.8762, 81.6501



72.3474, 76.8762, 86.7196



74.1137, 76.8762, 85.7943

Rectangle

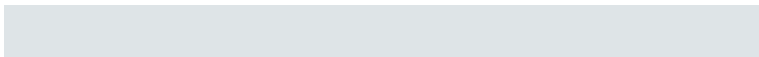
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



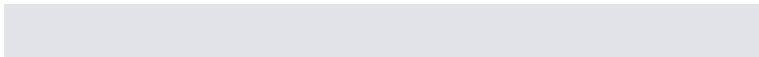
73.7944, 76.8762, 80.7613



72.7372, 76.8762, 80.2516



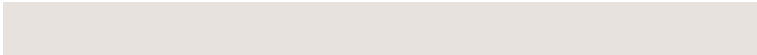
72.3474, 76.8762, 86.7196



73.4008, 76.8762, 87.2563

Sweetspot

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



73.7966, 76.8795, 80.7630



94.1025, 98.7577, 106.5722



73.8104, 75.5895, 84.8299



20.1518, 21.1513, 22.8354



0.0000, 0.0000, 0.0000



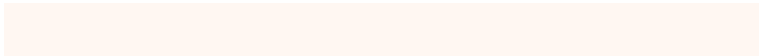
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7966, 76.8795, 80.7630



90.4143, 93.9052, 97.5616



75.0353, 79.3571, 81.1759



15.3305, 15.8948, 16.4097



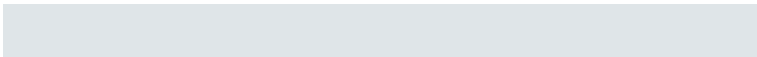
20.0687, 12.7116, 1.3958



1.5660, 1.1054, 0.1308

Inverse Universe

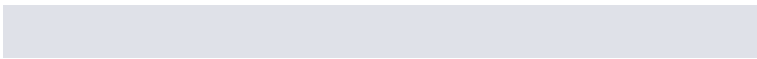
The Inverse Universe completely reimagines the original color for something new.



73.0164, 77.5519, 87.4657



89.1713, 94.9764, 108.2402



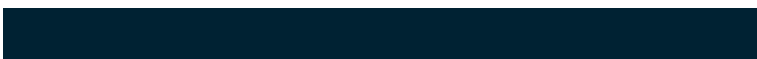
71.7883, 75.0959, 87.0564



15.0923, 16.1001, 18.4565



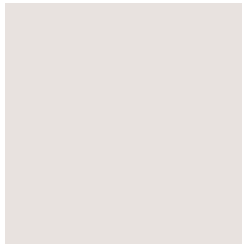
14.6741, 16.4103, 44.7773



1.1690, 1.3818, 3.3371

Previews

White Background



This preview shows how the XYZ color 73.7944, 76.8762, 80.7613 looks on a white background.

Color Contrast Check

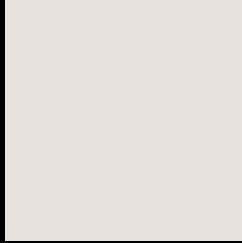
Large Text (above 18pt) WCAG AA × Fail

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 73.7944, 76.8762, 80.7613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

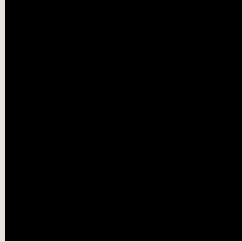
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

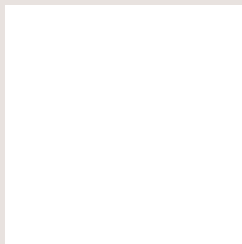
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7944, 76.8762, 80.7613

Background



This preview shows how black text looks on a background with the XYZ color 73.7944, 76.8762, 80.7613.



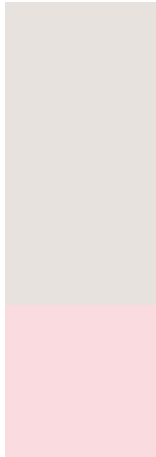
This preview shows how white text looks on a background with the XYZ color 73.7944, 76.8762,

80.7613.

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

73.7944, 76.8762, 80.7613

Protanopia

73.7944, 76.8762, 80.7613

Deuteranopia

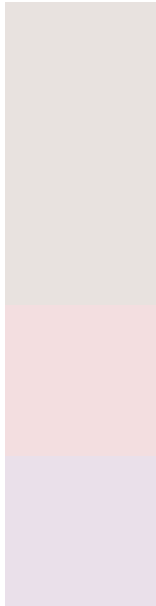
78.4721, 76.8922, 81.2268



Tritanopia

76.5258, 76.7884, 94.0074

Trichromacy



Original Color

73.7944, 76.8762, 80.7613

Protanomaly

73.7944, 76.8762, 80.7613

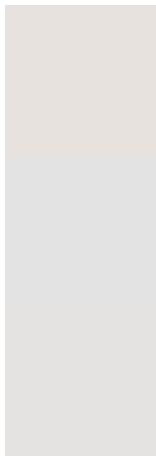
Deuteranomaly

76.5380, 76.6791, 81.2876

Tritanomaly

75.4386, 76.7442, 88.6790

Monochromacy



Original Color

73.7944, 76.8762, 80.7613

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5097, 77.0872, 82.9564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7944, 76.8762, 80.7613 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(232, 226, 223) looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 223)  
}
```

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(232, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.7944, 76.8762, 80.7613 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(232, 226, 223) }
```


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

```
.border{ border-color:rgb(232, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 226, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 226, 223); box-shadow:4px 4px 4px 4px rgb(232, 226, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7944, 76.8762, 80.7613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 223) }
```

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

```
.background{ background-color: rgb(232,  
226, 223) }
```

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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