

Converting Colors

XYZ(73.7056, 76.8222, 79.8788)

Have a look what the booklet for
XYZ(73.7056, 76.8222, 79.8788)
contains.

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Color

**XYZ(73.6599, 76.8224,
80.0532)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2DE
RGB	232, 226, 222
RGB Percent	91%, 89%, 87%
CMY	0.0902, 0.1137, 0.1294
CMYK	0.00, 0.03, 0.04, 0.09
HSL	24°, 18%, 89%
HSV	24°, 4%, 91%
XYZ	73.6599, 76.8224, 80.0532
YIQ	227.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

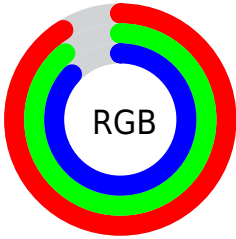
Format	Color
RYB	232, 229, 222
Decimal	15262430
CIELab	90.24, 1.34, 2.66
CIELCh	90, 2.979, 63.288
Yxy	76.8224, 0.3195, 0.3332
Android (android.graphics.Color)	4293452510 (0xFFE8E2DE)
YUV	227.3380, -2.6316, 4.0886
Hunter-Lab	87.6484, -3.3729, 7.2017

Details

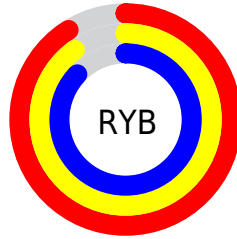
The XYZ color **73.6599, 76.8224, 80.0532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4332, 76.8417, 87.3593**, and the grayscale version is **73.2776, 77.0937, 83.9550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4425, 41.1459, 42.4223** is the 20% darker color. If you saturate the color by 10%, you get **67.1320, 68.4045, 63.5772**, and if you desaturate by 10%, it is **80.9270, 86.0320, 98.8884**.

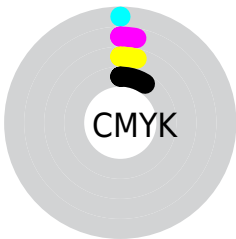
Distribution



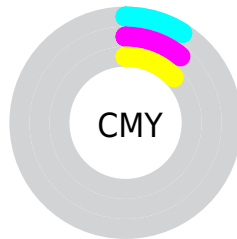
- Red (91%)
- Green (89%)
- Blue (87%)



- Red (91%)
- Yellow (90%)
- 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 73.6599, 76.8224, 80.0532 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 73.6599, 76.8224, 80.0532 by changing the saturation by 10% instead.

73.6599, 76.8224,
80.0532

73.6599, 76.8224,
80.0532

462.3672,
484.1583, 514.8236

54.8060, 57.1071,
59.2357

123.4117,
128.8888, 135.2526

39.4797, 41.0913,
42.3816

155.0403,
162.0086, 170.4716

27.3155, 28.3904,
29.0724

191.6578,
200.3655, 211.3282

17.9481, 18.6202,
18.8896

233.6297,
244.3437, 258.2408

11.0122, 11.3961,
11.4145

281.3212,
294.3277, 311.6282

6.1424, 6.3339,
6.2287

335.0977,

2.9733, 3.0492,

350.7019, 371.9087

2.9136

395.3246,
413.8506, 439.5010

■ 1.1397, 1.1575,
1.0507

■ 0.0579, 0.0265,
0.0000

■ 73.6599, 76.8224,
80.0532

■ 73.6599, 76.8224,
80.0532

■ 67.1320, 68.4045,
63.5772

■ 80.9270, 86.0320,
98.8884

■ 61.3122, 60.7468,
49.3616

■ 86.7163, 95.1503,
108.4032

■ 56.1767, 53.8303,
37.3078

■ 87.0892, 95.8960,
108.5274

■ 51.6975, 47.6313,
27.3080

■ 47.8448, 42.1249,
19.2451

■ 44.5862, 37.2842,
12.9900

■ 41.8856, 33.0807,
8.3974

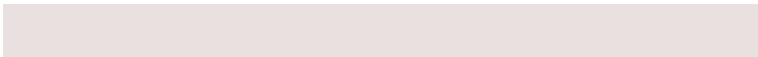
■ 39.7022, 29.4828,
5.2995

■ 37.9879, 26.4552,
3.4918

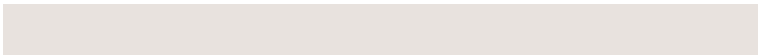
Harmonies

Analogous

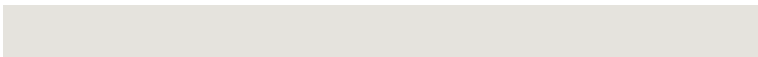
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2152, 76.8224, 81.4263



73.6599, 76.8224, 80.0532



72.9357, 76.8224, 79.6374

Triad

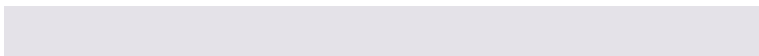
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6599, 76.8224, 80.0532



71.6038, 76.8224, 83.8808



73.8024, 76.8224, 87.1051

Complementary

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



73.6599, 76.8224, 80.0532



72.4332, 76.8417, 87.3593

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.



73.0992, 76.8224, 87.7880



73.6599, 76.8224, 80.0532



71.8325, 76.8224, 85.9068

Square

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



73.6599, 76.8224, 80.0532



71.7517, 76.8224, 81.8252



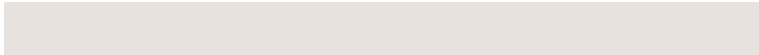
72.3786, 76.8224, 87.3458



74.2979, 76.8224, 85.4947

Rectangle

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



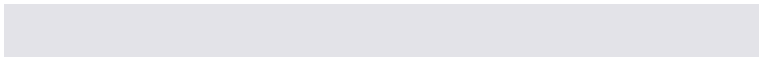
73.6599, 76.8224, 80.0532



72.4554, 76.8224, 79.9531



72.3786, 76.8224, 87.3458



73.5823, 76.8224, 87.4520

Sweetspot

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



73.6621, 76.8257, 80.0549



94.1563, 98.8652, 106.5901



73.4047, 75.0010, 84.0077



20.1627, 21.1732, 22.8390



0.0000, 0.0000, 0.0000



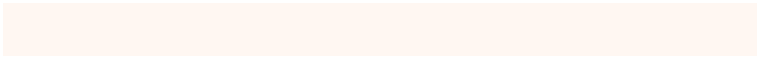
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6621, 76.8257, 80.0549



90.6740, 94.4247, 97.6482



75.0405, 79.5827, 80.5144



15.3802, 15.9942, 16.4263



20.7582, 14.0906, 1.6257



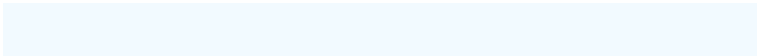
1.6229, 1.2191, 0.1498

Inverse Universe

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



72.4332, 76.8417, 87.3593



88.9068, 94.4475, 108.1520



71.0785, 74.1324, 86.9077



15.0415, 15.9986, 18.4396



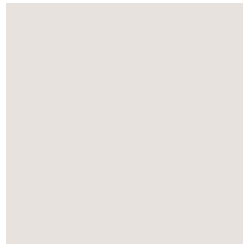
13.3471, 13.7563, 44.3349



1.0766, 1.1972, 3.3063

Previews

White Background



This preview shows how the XYZ color 73.6599, 76.8224, 80.0532 looks on a white background.

Color Contrast Check

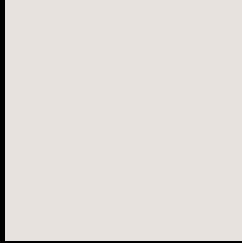
Large Text (above 18pt) WCAG AA × Fail

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 73.6599, 76.8224, 80.0532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

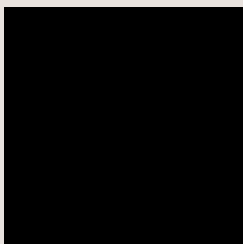
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

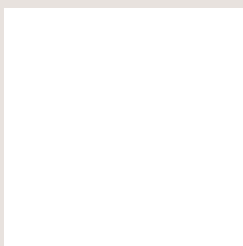
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6599, 76.8224, 80.0532

Background



This preview shows how black text looks on a background with the XYZ color 73.6599, 76.8224, 80.0532.

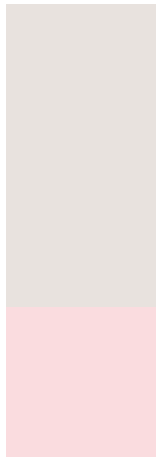


This preview shows how white text looks on a background with the XYZ color 73.6599, 76.8224,

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

73.6599, 76.8224, 80.0532

Protanopia

73.6599, 76.8224, 80.0532

Deuteranopia

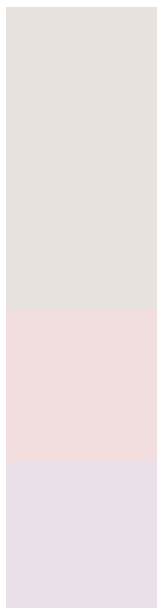
78.3368, 76.8381, 80.5145



Tritanopia

76.5258, 76.7884, 94.0074

Trichromacy



Original Color

73.6599, 76.8224, 80.0532

Protanomaly

73.6599, 76.8224, 80.0532

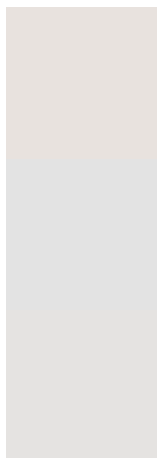
Deuteranomaly

76.4027, 76.6250, 80.5753

Tritanomaly

75.4386, 76.7442, 88.6790

Monochromacy



Original Color

73.6599, 76.8224, 80.0532

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3728, 77.0324, 82.2357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6599, 76.8224, 80.0532 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, 222) looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.6599, 76.8224, 80.0532 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, 222) }
```


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

```
.border{ border-color:rgb(232, 226, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6599, 76.8224, 80.0532 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, 222) }
```

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

```
.background{ background-color: rgb(232,  
226, 222) }
```

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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