

Converting Colors

XYZ(73.6317, 76.8773, 81.8598)

Have a look what the booklet for
XYZ(73.6317, 76.8773, 81.8598)
contains.

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Color

**XYZ(73.7420, 76.8179,
82.1749)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E2E1
RGB	231, 226, 225
RGB Percent	91%, 89%, 88%
CMY	0.0941, 0.1137, 0.1176
CMYK	0.00, 0.02, 0.03, 0.09
HSL	10°, 11%, 89%
HSV	10°, 3%, 91%
XYZ	73.7420, 76.8179, 82.1749
YIQ	227.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

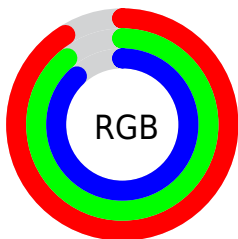
Format	Color
R _Y B	231, 226, 225
Decimal	15196897
CIE Lab	90.24, 1.52, 1.08
CIE LCh	90, 1.862, 35.341
Yxy	76.8179, 0.3168, 0.3301
Android (android.graphics.Color)	4293386977 (0xFFE7E2E1)
YUV	227.3810, -1.1738, 3.1739
Hunter-Lab	87.6458, -3.1968, 5.7630

Details

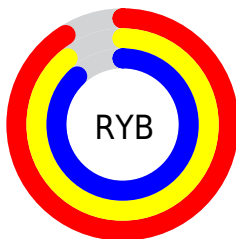
The XYZ color **73.7420, 76.8179, 82.1749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7720, 78.3697, 86.8411**, and the grayscale version is **73.2995, 77.1167, 83.9801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4978, 41.1421, 43.8897** is the 20% darker color. If you saturate the color by 10%, you get **65.8617, 65.7633, 65.0383**, and if you desaturate by 10%, it is **82.6398, 89.2233, 101.7560**.

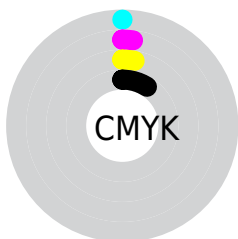
Distribution



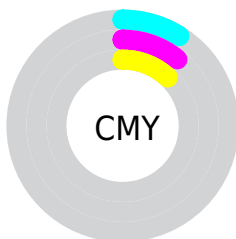
- Red (91%)
- Green (89%)
- Blue (88%)



- Red (91%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7420, 76.8179, 82.1749 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 73.7420, 76.8179, 82.1749 by changing the saturation by 10% instead.

■ 73.7420, 76.8179,
82.1749

■ 73.7420, 76.8179,
82.1749

462.6465,
484.1429, 522.1313

■ 54.8734, 57.1034,
60.9731

123.5275,
128.8824, 138.2581

■ 39.5338, 41.0883,
43.7730

155.1751,
162.0012, 173.9766

■ 27.3579, 28.3881,
30.1562

191.8131,
200.3569, 215.3710

■ 17.9801, 18.6184,
19.7041

233.8069,
244.3340, 262.8599

■ 11.0353, 11.3949,
11.9982

281.5217,
294.3167, 316.8619

■ 6.1581, 6.3331,
6.6199

335.3231,

■ 2.9830, 3.0487,

350.6895, 377.7954

3.1508

395.5762,
413.8368, 446.0790

■ 1.1448, 1.1572,
1.1721

■ 0.0621, 0.0263,
0.0000

■ 73.7420, 76.8179,
82.1749

■ 73.7420, 76.8179,
82.1749

■ 65.8617, 65.7633,
65.0383

■ 82.6398, 89.2233,
101.7560

■ 58.9562, 56.0041,
50.2451

■ 86.7655, 95.7292,
108.5123

■ 52.9891, 47.4957,
37.6947

■ 47.9194, 40.1872,
27.2773

■ 43.7029, 34.0243,
18.8737

■ 40.2918, 28.9483,
12.3530

■ 37.6331, 24.8954,
7.5686

■ 35.6674, 21.7947,
4.3523

■ 34.3256, 19.5662,
2.5019

Harmonies

Analogous

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



73.9034, 76.8179, 83.4044



73.7420, 76.8179, 82.1749



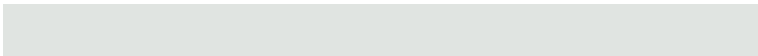
73.3853, 76.8179, 81.3450

Triad

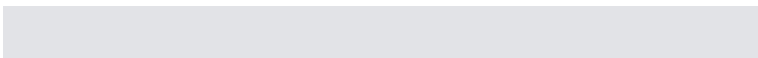
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7420, 76.8179, 82.1749



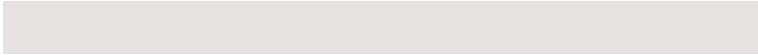
72.2067, 76.8179, 82.5820



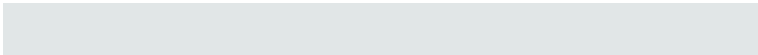
73.0960, 76.8179, 86.2070

Complementary

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



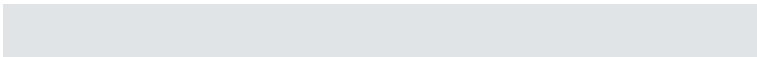
73.7420, 76.8179, 82.1749



73.7720, 78.3697, 86.8411

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.



72.6422, 76.8179, 85.9811



73.7420, 76.8179, 82.1749



72.1300, 76.8179, 83.8793

Square

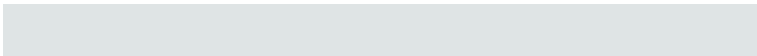
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7420, 76.8179, 82.1749



72.4992, 76.8179, 81.5783



72.2890, 76.8179, 85.1257



73.5295, 76.8179, 85.7395

Rectangle

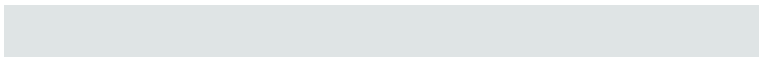
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



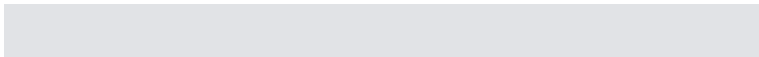
73.7420, 76.8179, 82.1749



73.0855, 76.8179, 81.1251



72.2890, 76.8179, 85.1257



72.9408, 76.8179, 86.2097

Sweetspot

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



73.7442, 76.8212, 82.1766



93.9685, 98.4896, 106.5275



74.1643, 76.5537, 85.7315



20.1245, 21.0967, 22.8263



0.0000, 0.0000, 0.0000



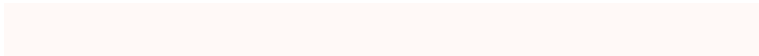
20.3446, 21.4041, 23.3091

Same Dimension

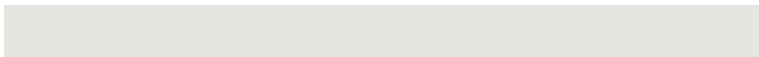
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7442, 76.8212, 82.1766



91.8440, 95.5199, 101.8756



74.5660, 78.4650, 82.4505



15.5372, 16.1104, 17.0883



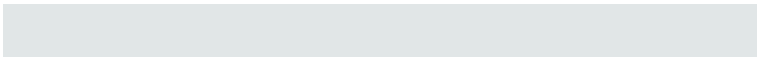
18.9359, 10.4460, 1.0183



1.4579, 0.8891, 0.0948

Inverse Universe

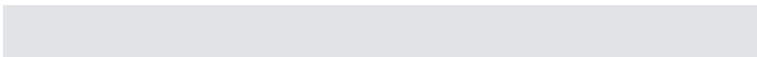
The Inverse Universe completely reimagines the original color for something new.



73.7720, 78.3697, 86.8411



91.8843, 97.7639, 108.6352



72.9454, 76.7165, 86.5655



15.5458, 16.5879, 18.5268



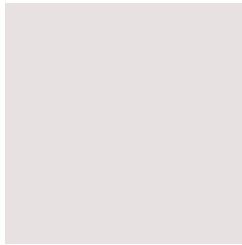
18.7757, 24.6135, 46.1445



1.4422, 1.9282, 3.4281

Previews

White Background



This preview shows how the XYZ color 73.7420, 76.8179, 82.1749 looks on a white background.

Color Contrast Check

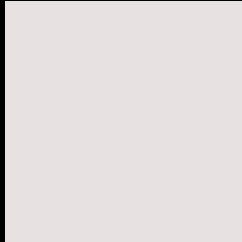
Large Text (above 18pt) WCAG AA × Fail

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 73.7420, 76.8179, 82.1749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

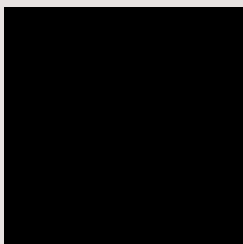
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

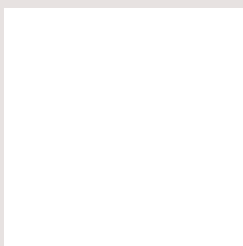
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7420, 76.8179, 82.1749

Background



This preview shows how black text looks on a background with the XYZ color 73.7420, 76.8179, 82.1749.

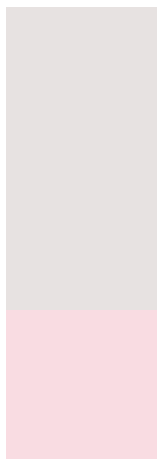


This preview shows how white text looks on a background with the XYZ color 73.7420, 76.8179,

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

73.7420, 76.8179, 82.1749

Protanopia

73.7420, 76.8179, 82.1749

Deuteranopia

78.3876, 76.8171, 82.6472



Tritanopia

76.1371, 76.9858, 94.0660

Trichromacy



Original Color

73.7420, 76.8179, 82.1749

Protanomaly

73.7420, 76.8179, 82.1749

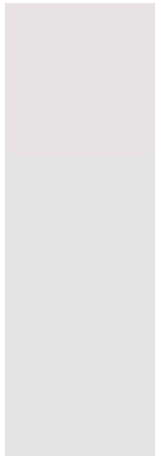
Deuteranomaly

76.4667, 76.6108, 82.7086

Tritanomaly

75.1993, 77.0044, 89.4972

Monochromacy



Original Color

73.7420, 76.8179, 82.1749

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1915, 76.9231, 82.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7420, 76.8179, 82.1749 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(231, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 225)  
}
```

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(231, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.7420, 76.8179, 82.1749 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(231, 226, 225) }
```


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

```
.border{ border-color:rgb(231, 226, 225) }
```

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

Here you see how a box with a 4 pixel rgb(231, 226, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7420, 76.8179, 82.1749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 225) }
```

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

```
.background{ background-color: rgb(231,  
226, 225) }
```

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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