

Converting Colors

XYZ(74.0967, 76.9280, 75.8415)

Have a look what the booklet for
XYZ(74.0967, 76.9280, 75.8415)
contains.

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Color

**XYZ(73.9120, 76.6412,
75.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE1D8
RGB	236, 225, 216
RGB Percent	93%, 88%, 85%
CMY	0.0745, 0.1176, 0.1529
CMYK	0.00, 0.05, 0.08, 0.07
HSL	27°, 34%, 89%
HSV	27°, 8%, 93%
XYZ	73.9120, 76.6412, 75.8634
YIQ	227.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

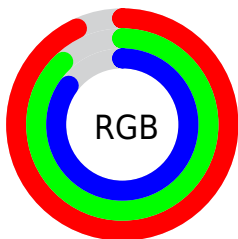
Format	Color
R _Y B	236, 232, 216
Decimal	15524312
CIE Lab	90.16, 2.22, 5.72
CIE LCh	90, 6.140, 68.773
Yxy	76.6412, 0.3264, 0.3385
Android (android.graphics.Color)	4293714392 (0xFFECE1D8)
YUV	227.2630, -5.5527, 7.6623
Hunter-Lab	87.5450, -2.5006, 9.9028

Details

The XYZ color **73.9120, 76.6412, 75.8634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9282, 75.5920, 90.2102**, and the grayscale version is **73.2412, 77.0555, 83.9134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6301, 41.0260, 39.5483** is the 20% darker color. If you saturate the color by 10%, you get **67.7026, 68.7590, 59.8062**, and if you desaturate by 10%, it is **80.8305, 85.2386, 94.3207**.

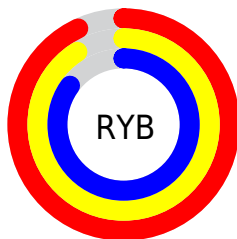
Distribution



Red (93%)

Green (88%)

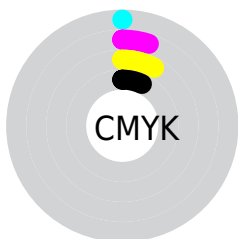
Blue (85%)



Red (93%)

Yellow (91%)

Blue (85%)

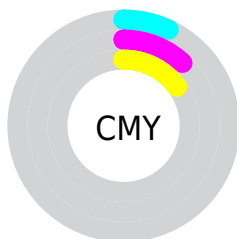


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9120, 76.6412, 75.8634 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 73.9120, 76.6412, 75.8634 by changing the saturation by 10% instead.

■ 73.9120, 76.6412,
75.8634

■ 73.9120, 76.6412,
75.8634

463.2246,
483.5398, 500.2143

■ 55.0130, 56.9584,
55.8145

123.7672,
128.6329, 129.2921

■ 39.6460, 40.9719,
39.6512

155.4542,
161.7106, 163.5090

■ 27.4457, 28.2971,
26.9550

192.1346,
200.0221, 203.2857

■ 18.0465, 18.5497,
17.3073

234.1737,
243.9517, 249.0407

■ 11.0833, 11.3454,
10.2896

281.9369,
293.8839, 301.1925

■ 6.1906, 6.2997,
5.4833

335.7895,

■ 3.0031, 3.0281,

350.2031, 360.1597

2.4698

396.0970,
413.2936, 426.3608

■ 1.1554, 1.1464,
0.8241

■ 0.0707, 0.0173,
0.0000

■ 73.9120, 76.6412,
75.8634

■ 73.9120, 76.6412,
75.8634

■ 67.7026, 68.7590,
59.8062

■ 80.8305, 85.2386,
94.3207

■ 62.1715, 61.5627,
46.0444

■ 87.1258, 94.0198,
108.1634

■ 57.2948, 55.0354,
34.4727

■ 88.4025, 96.5731,
108.5889

■ 53.0445, 49.1560,
24.9754

■ 49.3906, 43.9019,
17.4263

■ 46.3000, 39.2488,
11.6851

■ 43.7357, 35.1705,
7.5925

■ 41.6550, 31.6379,
4.9604

■ 39.9991, 28.6148,
3.5184

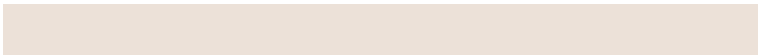
Harmonies

Analogous

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



75.1553, 76.6412, 78.2999



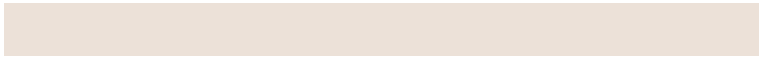
73.9120, 76.6412, 75.8634



72.3988, 76.6412, 75.4218

Triad

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



73.9120, 76.6412, 75.8634



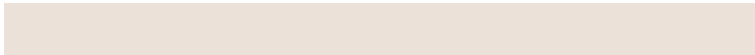
69.9854, 76.6412, 84.7366



74.6969, 76.6412, 90.1692

Complementary

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



73.9120, 76.6412, 75.8634



70.9282, 75.5920, 90.2102

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.



73.2933, 76.6412, 92.0270



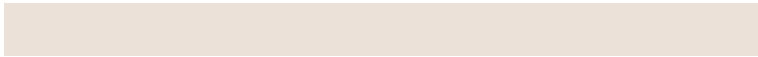
73.9120, 76.6412, 75.8634



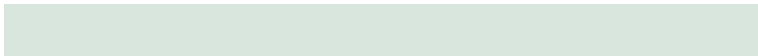
70.5829, 76.6412, 88.8195

Square

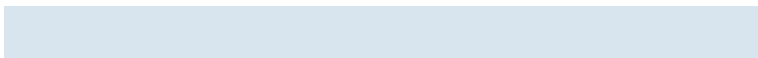
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9120, 76.6412, 75.8634



70.1459, 76.6412, 80.4455



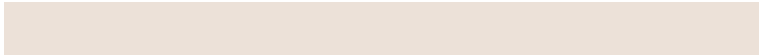
71.7886, 76.6412, 91.5246



75.6128, 76.6412, 86.5269

Rectangle

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



73.9120, 76.6412, 75.8634



71.4428, 76.6412, 76.3026



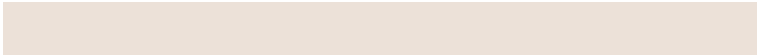
71.7886, 76.6412, 91.5246



74.2657, 76.6412, 91.0288

Sweetspot

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



73.9141, 76.6446, 75.8650



92.5155, 96.8628, 102.0994



73.0141, 72.4918, 82.8181



19.6600, 20.5560, 21.4741



0.0000, 0.0000, 0.0000



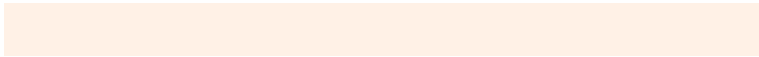
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9141, 76.6446, 75.8650



86.9023, 89.8441, 87.2567



76.6960, 82.2084, 76.7924



15.6239, 16.1708, 15.8165



22.0484, 15.7909, 1.8859



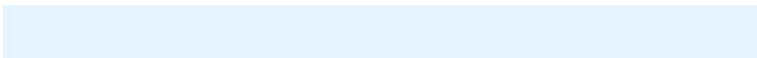
1.8262, 1.4296, 0.1797

Inverse Universe

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



70.9282, 75.5920, 90.2102



82.7292, 88.3730, 107.3051



68.2732, 70.2819, 89.3252



14.9177, 15.9218, 19.2092



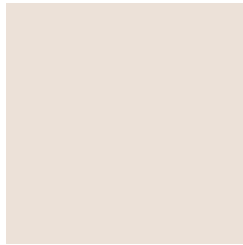
12.8587, 12.3644, 45.4518



1.1056, 1.1626, 3.6010

Previews

White Background



This preview shows how the XYZ color 73.9120, 76.6412, 75.8634 looks on a white background.

Color Contrast Check

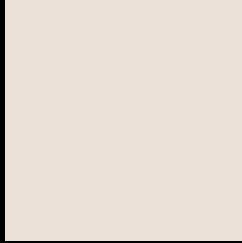
Large Text (above 18pt) WCAG AA × Fail

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 73.9120, 76.6412, 75.8634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

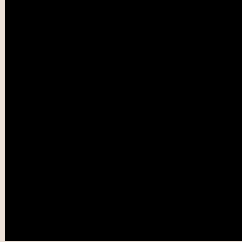
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

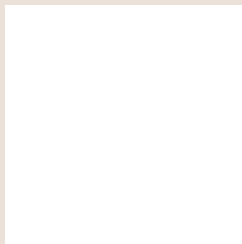
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9120, 76.6412, 75.8634

Background



This preview shows how black text looks on a background with the XYZ color 73.9120, 76.6412, 75.8634.



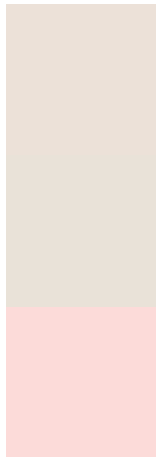
This preview shows how white text looks on a background with the XYZ color 73.9120, 76.6412,

75.8634.

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

73.9120, 76.6412, 75.8634

Protanopia

73.1953, 76.6742, 75.9075

Deuteranopia

78.0008, 76.3682, 76.2751



Tritanopia

77.2979, 76.8253, 92.4161

Trichromacy



Original Color

73.9120, 76.6412, 75.8634

Protanomaly

73.5227, 76.8430, 75.9229

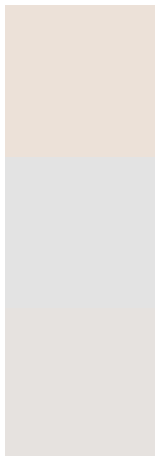
Deuteranomaly

76.3869, 76.3155, 76.3500

Tritanomaly

76.0714, 76.7220, 86.4007

Monochromacy



Original Color

73.9120, 76.6412, 75.8634

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1488, 76.5434, 80.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9120, 76.6412, 75.8634 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(236, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(236, 225, 216)  
}
```

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(236, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.9120, 76.6412, 75.8634 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(236, 225, 216) }
```


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

```
.border{ border-color:rgb(236, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 225, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 225, 216); box-shadow:4px 4px 4px 4px rgb(236, 225, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9120, 76.6412, 75.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 225, 216) }
```

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

```
.background{ background-color: rgb(236,  
225, 216) }
```

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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