

Converting Colors

XYZ(73.9916, 77.4291, 78.7557)

Have a look what the booklet for
XYZ(73.9916, 77.4291, 78.7557)
contains.

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Color

**XYZ(73.9916, 77.4291,
78.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E3DC
RGB	233, 227, 220
RGB Percent	91%, 89%, 86%
CMY	0.0863, 0.1098, 0.1372
CMYK	0.00, 0.03, 0.06, 0.09
HSL	32°, 23%, 89%
HSV	32°, 6%, 91%
XYZ	73.9916, 77.4291, 78.7557
YIQ	227.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

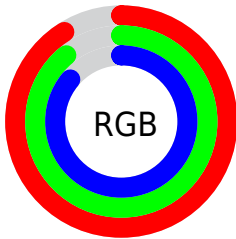
Format	Color
R_{YB}	231, 233, 220
Decimal	15328220
CIE Lab	90.52, 0.83, 4.12
CIE LCh	91, 4.205, 78.681
Yxy	77.4291, 0.3215, 0.3364
Android (android.graphics.Color)	4293518300 (0xFFE9E3DC)
YUV	227.9960, -3.9420, 4.3885
Hunter-Lab	87.9938, -3.8934, 8.5303

Details

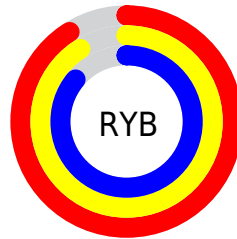
The XYZ color **73.9916, 77.4291, 78.7557** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4194, 75.4904, 87.8985**, and the grayscale version is **73.7667, 77.6083, 84.5154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6755, 41.5688, 41.5298** is the 20% darker color. If you saturate the color by 10%, you get **68.2709, 70.5861, 62.6704**, and if you desaturate by 10%, it is **80.3303, 84.8179, 97.1708**.

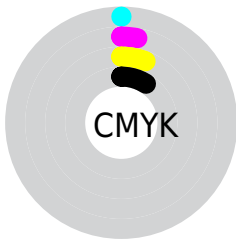
Distribution



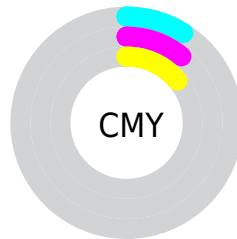
- Red (91%)
- Green (89%)
- Blue (86%)



- Red (91%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9916, 77.4291, 78.7557 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 73.9916, 77.4291, 78.7557 by changing the saturation by 10% instead.

73.9916, 77.4291,
78.7557

73.9916, 77.4291,
78.7557

463.4951,
486.2258, 510.3253

55.0784, 57.6051,
58.1748

123.8795,
129.7450, 133.4104

39.6986, 41.4913,
41.5336

155.5849,
163.0058, 168.3214

27.4868, 28.7032,
28.4134

192.2850,
201.5142, 208.8461

18.0776, 18.8564,
18.3958

234.3454,
245.6547, 255.4031

11.1058, 11.5665,
11.0621

282.1312,
295.8118, 308.4110

6.2058, 6.4493,
5.9939

336.0078,

3.0125, 3.1201,

352.3697, 368.2883

2.7727

396.3407,
415.7129, 435.4535

■ 1.1604, 1.1948,
0.9798

■ 0.0747, 0.0574,
0.0000

■ 73.9916, 77.4291,
78.7557

■ 73.9916, 77.4291,
78.7557

■ 68.2709, 70.5861,
62.6704

■ 80.3303, 84.8179,
97.1708

■ 63.1406, 64.2650,
48.8156

■ 85.3755, 91.9854,
107.8629

■ 58.5807, 58.4548,
37.0923

■ 87.4147, 96.0638,
108.5427

■ 54.5672, 53.1404,
27.3919

■ 51.0742, 48.3055,
19.5962

■ 48.0735, 43.9329,
13.5746

■ 45.5335, 40.0038,
9.1796

■ 43.4177, 36.4971,
6.2396

■ 41.6822, 33.3886,
4.5435

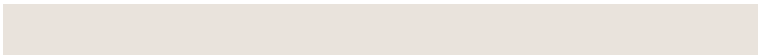
Harmonies

Analogous

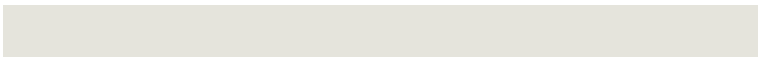
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9371, 77.4291, 80.0325



73.9916, 77.4291, 78.7557



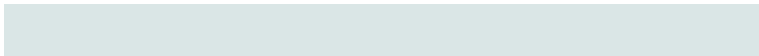
72.9483, 77.4291, 78.9397

Triad

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



73.9916, 77.4291, 78.7557



71.6952, 77.4291, 86.1755



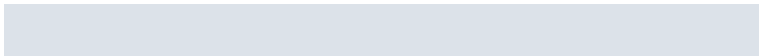
75.1230, 77.4291, 88.1885

Complementary

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



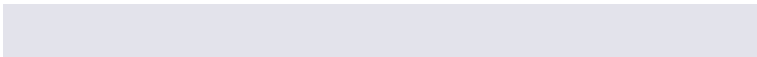
73.9916, 77.4291, 78.7557



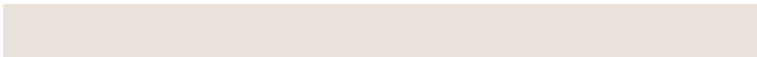
71.4194, 75.4904, 87.8985

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.



74.2435, 77.4291, 89.9125



73.9916, 77.4291, 78.7557



72.2671, 77.4291, 88.7313

Square

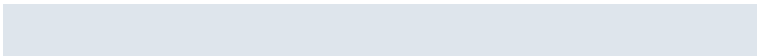
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9916, 77.4291, 78.7557



71.6292, 77.4291, 83.1757



73.1979, 77.4291, 90.1135



75.5945, 77.4291, 85.4488

Rectangle

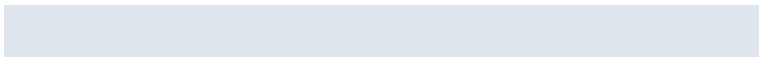
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9916, 77.4291, 78.7557



72.3376, 77.4291, 79.8671



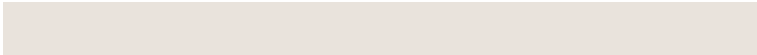
73.1979, 77.4291, 90.1135



74.8649, 77.4291, 88.9088

Sweetspot

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



73.9938, 77.4325, 78.7574



93.4938, 98.1842, 104.3841



72.9351, 74.0058, 82.4410



20.0279, 21.0346, 22.3898



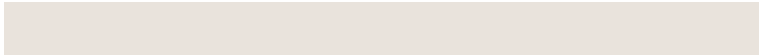
0.0000, 0.0000, 0.0000



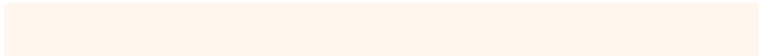
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9938, 77.4325, 78.7574



89.7376, 93.7625, 93.6040



75.5211, 80.6969, 79.3070



15.9808, 16.6876, 16.5427



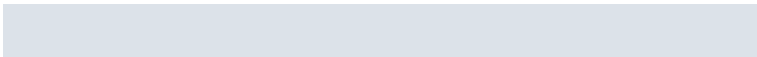
23.3932, 18.4807, 2.3342



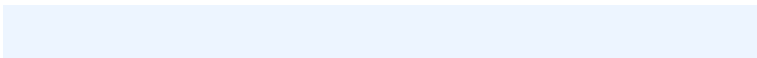
1.9330, 1.6434, 0.2153

Inverse Universe

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



71.4194, 75.4904, 87.8985



85.7935, 90.7870, 107.6096



69.9488, 72.3541, 87.3707



15.2238, 16.1166, 19.2307



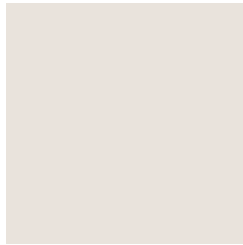
11.4775, 9.6020, 44.9914



0.9965, 0.9446, 3.5647

Previews

White Background



This preview shows how the XYZ color 73.9916, 77.4291, 78.7557 looks on a white background.

Color Contrast Check

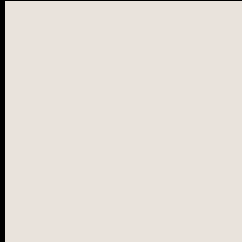
Large Text (above 18pt) WCAG AA × Fail

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 73.9916, 77.4291, 78.7557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

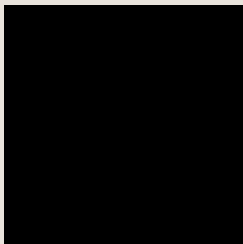
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

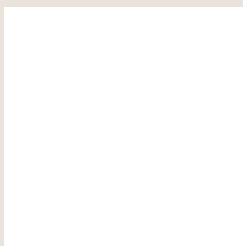
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9916, 77.4291, 78.7557

Background



This preview shows how black text looks on a background with the XYZ color 73.9916, 77.4291, 78.7557.



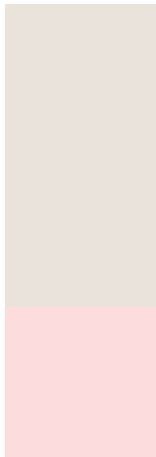
This preview shows how white text looks on a background with the XYZ color 73.9916, 77.4291,

78.7557.

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

73.9916, 77.4291, 78.7557

Protanopia

74.3190, 77.5979, 78.7710

Deuteranopia

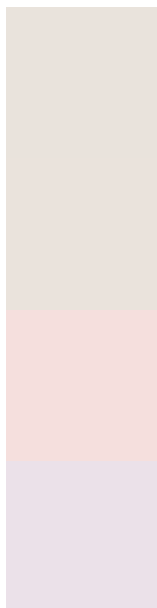
78.7892, 77.1023, 79.1362



Tritanopia

77.1249, 77.4950, 94.1122

Trichromacy



Original Color

73.9916, 77.4291, 78.7557

Protanomaly

74.3190, 77.5979, 78.7710

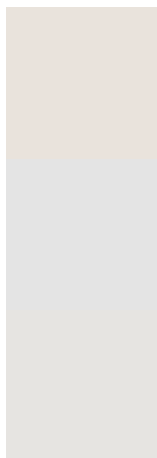
Deuteranomaly

77.0950, 77.4083, 79.2846

Tritanomaly

75.8941, 77.3958, 88.0296

Monochromacy



Original Color

73.9916, 77.4291, 78.7557

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9671, 77.7460, 82.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9916, 77.4291, 78.7557 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(233, 227, 220) looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 220)  
}
```

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(233, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.9916, 77.4291, 78.7557 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(233, 227, 220) }
```


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

```
.border{ border-color:rgb(233, 227, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9916, 77.4291, 78.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 220) }
```

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

```
.background{ background-color: rgb(233,  
227, 220) }
```

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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