

Converting Colors

XYZ(73.8304, 77.5542, 76.0447)

Have a look what the booklet for
XYZ(73.8304, 77.5542, 76.0447)
contains.

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Color

**XYZ(73.7954, 77.3885,
76.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE3D8
RGB	234, 227, 216
RGB Percent	92%, 89%, 85%
CMY	0.0823, 0.1098, 0.1529
CMYK	0.00, 0.03, 0.08, 0.08
HSL	37°, 30%, 88%
HSV	37°, 8%, 92%
XYZ	73.7954, 77.3885, 76.0138
YIQ	227.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

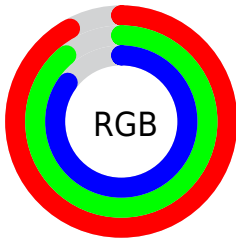
Format	Color
RYB	227, 234, 216
Decimal	15393752
CIELab	90.50, 0.50, 6.20
CIELCh	91, 6.219, 85.401
Yxy	77.3885, 0.3248, 0.3406
Android (android.graphics.Color)	4293583832 (0xFFEAE3D8)
YUV	227.8390, -5.8366, 5.4032
Hunter-Lab	87.9707, -4.2117, 10.3482

Details

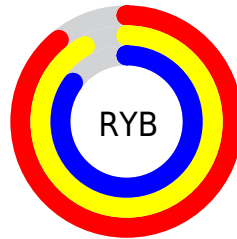
The XYZ color **73.7954, 77.3885, 76.0138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5576, 73.3134, 88.3274**, and the grayscale version is **73.6643, 77.5006, 84.3982**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5456, 41.5432, 39.6526** is the 20% darker color. If you saturate the color by 10%, you get **68.5617, 71.4221, 60.3916**, and if you desaturate by 10%, it is **79.5956, 83.7968, 93.9522**.

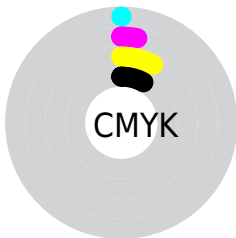
Distribution



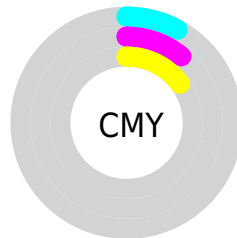
- Red (92%)
- Green (89%)
- Blue (85%)



- Red (89%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7954, 77.3885, 76.0138 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 73.7954, 77.3885, 76.0138 by changing the saturation by 10% instead.

73.7954, 77.3885,
76.0138

73.7954, 77.3885,
76.0138

462.8281,
486.0876, 500.7430

54.9173, 57.5718,
55.9371

123.6028,
129.6877, 129.5067

39.5691, 41.4645,
39.7488

155.2628,
162.9391, 163.7599

27.3854, 28.6822,
27.0305

191.9141,
201.4374, 203.5758

18.0010, 18.8405,
17.3635

233.9221,
245.5671, 249.3728

11.0504, 11.5551,
10.3293

281.6522,
295.7125, 301.5695

6.1683, 6.4415,
5.5094

335.4696,

2.9893, 3.1154,

352.2582, 360.5844

2.4852

395.7398,
415.5884, 426.8361

■ 1.1481, 1.1923,
0.8323

■ 0.0648, 0.0554,
0.0000

■ 73.7954, 77.3885,
76.0138

■ 73.7954, 77.3885,
76.0138

■ 68.5617, 71.4221,
60.3916

■ 79.5956, 83.7968,
93.9522

■ 63.8681, 65.8763,
46.9846

■ 84.6931, 90.1348,
107.5417

■ 59.6952, 60.7424,
35.6914

■ 87.5152, 95.7791,
108.4824

■ 56.0199, 56.0079,
26.4010

■ 87.7420, 96.2326,
108.5580

■ 52.8172, 51.6594,
18.9922

■ 50.0594, 47.6822,
13.3302

■ 47.7153, 44.0603,
9.2622

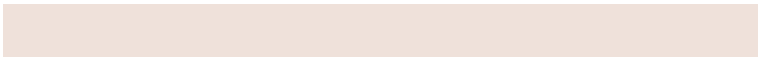
■ 45.7488, 40.7753,
6.6087

■ 44.1113, 37.8040,
5.1271

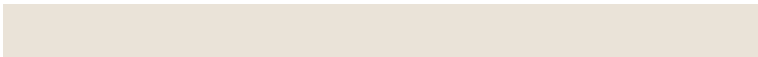
Harmonies

Analogous

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



75.2660, 77.3885, 77.4102



73.7954, 77.3885, 76.0138



72.2806, 77.3885, 76.7632

Triad

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



73.7954, 77.3885, 76.0138



70.8879, 77.3885, 87.9890



76.0437, 77.3885, 89.2185

Complementary

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



73.7954, 77.3885, 76.0138



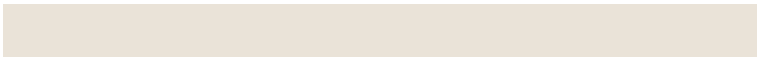
69.5576, 73.3134, 88.3274

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.



74.8452, 77.3885, 92.2358



73.7954, 77.3885, 76.0138



71.8710, 77.3885, 91.5086

Square

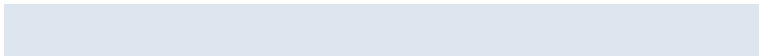
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7954, 77.3885, 76.0138



70.6157, 77.3885, 83.5783



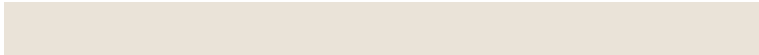
73.3160, 77.3885, 93.0882



76.5757, 77.3885, 84.9512

Rectangle

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



73.7954, 77.3885, 76.0138



71.4473, 77.3885, 78.3933



73.3160, 77.3885, 93.0882



75.7046, 77.3885, 90.4184

Sweetspot

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



73.7975, 77.3919, 76.0155



93.6106, 98.4178, 104.4230



71.8347, 71.9438, 80.0549



20.0516, 21.0821, 22.3977



0.0000, 0.0000, 0.0000



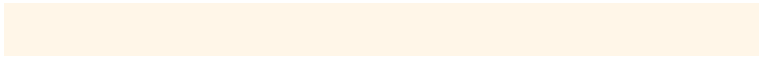
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7975, 77.3919, 76.0155



88.7930, 93.0498, 89.6617



75.1620, 80.9936, 76.6387



15.8320, 16.5870, 15.8859



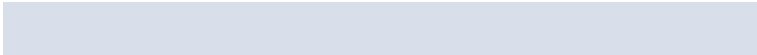
24.7182, 21.1307, 2.7758



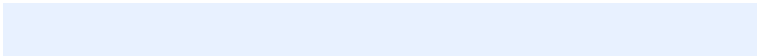
2.0339, 1.8451, 0.2489

Inverse Universe

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



69.5576, 73.3134, 88.3274



82.7911, 87.2765, 107.0902



68.2619, 69.9280, 87.7422



14.7113, 15.5090, 19.1404



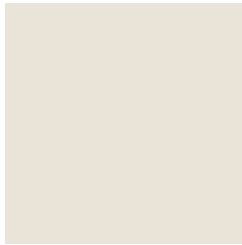
10.5585, 7.7640, 44.6851



0.9200, 0.7916, 3.5392

Previews

White Background



This preview shows how the XYZ color 73.7954, 77.3885, 76.0138 looks on a white background.

Color Contrast Check

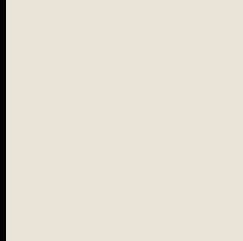
Large Text (above 18pt) WCAG AA × Fail

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 73.7954, 77.3885, 76.0138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

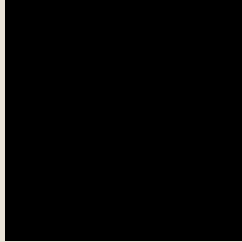
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

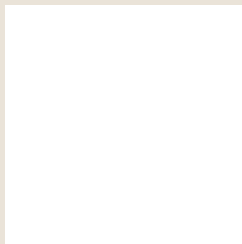
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7954, 77.3885, 76.0138

Background



This preview shows how black text looks on a background with the XYZ color 73.7954, 77.3885, 76.0138.

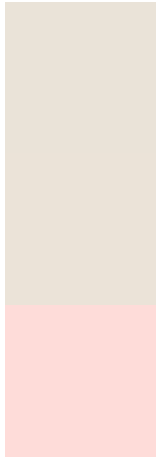


This preview shows how white text looks on a background with the XYZ color 73.7954, 77.3885,

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

73.7954, 77.3885, 76.0138

Protanopia

74.1247, 77.5582, 76.0292

Deuteranopia

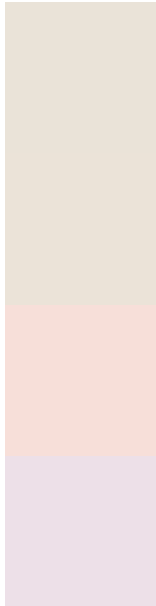
78.9906, 77.2670, 76.3964



Tritanopia

77.5248, 77.3034, 94.0541

Trichromacy



Original Color

73.7954, 77.3885, 76.0138

Protanomaly

74.1247, 77.5582, 76.0292

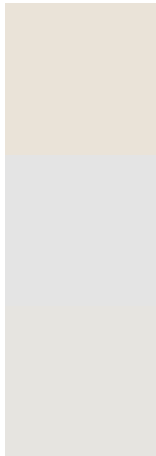
Deuteranomaly

77.2698, 77.5593, 76.5435

Tritanomaly

76.1462, 77.1420, 87.2205

Monochromacy



Original Color

73.7954, 77.3885, 76.0138

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8311, 77.6916, 81.6257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7954, 77.3885, 76.0138 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(234, 227, 216) looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 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(234, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.7954, 77.3885, 76.0138 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(234, 227, 216) }
```


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

```
.border{ border-color:rgb(234, 227, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7954, 77.3885, 76.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 216) }
```

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

```
.background{ background-color: rgb(234,  
227, 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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