

Converting Colors

XYZ(73.7830, 78.3704, 73.6778)

Have a look what the booklet for
XYZ(73.7830, 78.3704, 73.6778)
contains.

XYZ(73.8347, 78.2845, 73.5063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.8347, 78.2845,
73.5063)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE5D4
RGB	234, 229, 212
RGB Percent	92%, 90%, 83%
CMY	0.0823, 0.1019, 0.1686
CMYK	0.00, 0.02, 0.09, 0.08
HSL	46°, 34%, 87%
HSV	46°, 9%, 92%
XYZ	73.8347, 78.2845, 73.5063
YIQ	228.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

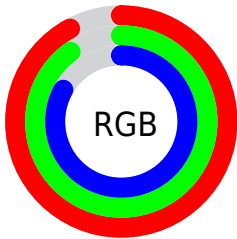
Format	Color
RYB	218, 234, 212
Decimal	15394260
CIELab	90.91, -1.18, 8.88
CIELCh	91, 8.956, 97.601
Yxy	78.2845, 0.3272, 0.3470
Android (android.graphics.Color)	4293584340 (0xFFEAE5D4)
YUV	228.5570, -8.1626, 4.7735
Hunter-Lab	88.4785, -5.8804, 12.6780

Details

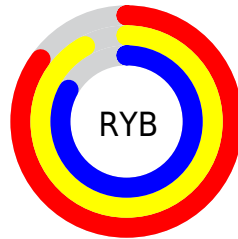
The XYZ color **73.8347, 78.2845, 73.5063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8155, 69.5622, 87.7481**, and the grayscale version is **74.2063, 78.0708, 85.0191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5820, 42.1714, 37.9520** is the 20% darker color. If you saturate the color by 10%, you get **69.6471, 74.2954, 58.5873**, and if you desaturate by 10%, it is **78.4994, 82.5417, 90.6968**.

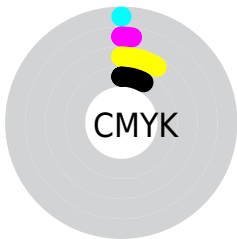
Distribution



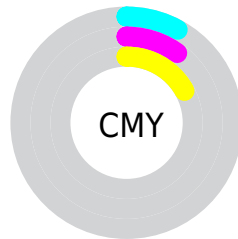
- Red (92%)
- Green (90%)
- Blue (83%)



- Red (85%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8347, 78.2845, 73.5063 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 73.8347, 78.2845, 73.5063 by changing the saturation by 10% instead.

■ 73.8347, 78.2845,
73.5063

■ 73.8347, 78.2845,
73.5063

462.9618,
489.1325, 491.8854

■ 54.9496, 58.3077,
53.8957

123.6582,
130.9511, 125.9233

■ 39.5950, 42.0561,
38.1257

155.3273,
164.4097, 159.5667

■ 27.4057, 29.1452,
25.7777

191.9884,
203.1310, 198.7249

■ 18.0163, 19.1907,
16.4331

234.0069,
247.4995, 243.8164

■ 11.0615, 11.8082,
9.6735

281.7481,
297.8995, 295.2596

■ 6.1758, 6.6132,
5.0802

335.5775,

■ 2.9939, 3.2214,

354.7154, 353.4732

2.2349

395.8602,
418.3316, 418.8756

■ 1.1506, 1.2484,
0.6944

■ 0.0668, 0.1007,
0.0000

■ 73.8347, 78.2845,
73.5063

■ 73.8347, 78.2845,
73.5063

■ 69.6471, 74.2954,
58.5873

■ 78.4994, 82.5417,
90.6968

■ 65.9116, 70.5558,
45.8383

■ 83.0342, 86.8169,
106.9887

■ 62.6102, 67.0607,
35.1572

■ 84.6183, 89.9851,
107.5167

■ 59.7212, 63.8006,
26.4319

■ 86.2486, 93.2457,
108.0602

■ 57.2210, 60.7655,
19.5398

■ 87.7421, 96.2326,
108.5580

■ 55.0832, 57.9440,
14.3440

■ 53.2777, 55.3236,
10.6886

■ 51.7691, 52.8893,
8.3886

■ 50.5008, 50.6178,
7.1488

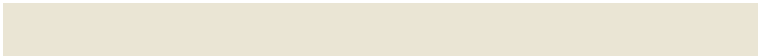
Harmonies

Analogous

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



76.0725, 78.2845, 74.2593



73.8347, 78.2845, 73.5063



71.7912, 78.2845, 75.7685

Triad

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



73.8347, 78.2845, 73.5063



71.0224, 78.2845, 93.0467



78.4907, 78.2845, 90.0614

Complementary

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



73.8347, 78.2845, 73.5063



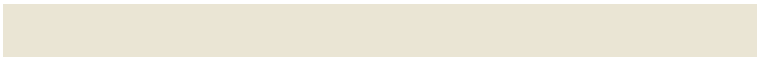
66.8155, 69.5622, 87.7481

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.



77.0857, 78.2845, 95.4665



73.8347, 78.2845, 73.5063



72.7661, 78.2845, 97.2499

Square

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



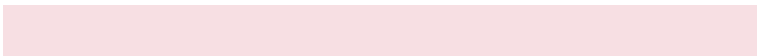
73.8347, 78.2845, 73.5063



70.1890, 78.2845, 86.8925



74.9824, 78.2845, 98.1570



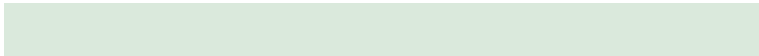
78.7908, 78.2845, 83.6056

Rectangle

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



73.8347, 78.2845, 73.5063



70.8037, 78.2845, 78.7528



74.9824, 78.2845, 98.1570



78.1306, 78.2845, 92.0709

Sweetspot

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



73.8368, 78.2879, 73.5080



93.2909, 98.4137, 102.3579



70.0180, 69.5973, 75.4810



19.8694, 20.9749, 21.5439



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.



73.8368, 78.2879, 73.5080



88.8598, 94.3264, 86.1603



73.3447, 80.1159, 73.8868



16.0451, 17.0131, 15.9569



28.4367, 28.5677, 4.0153



2.3038, 2.3849, 0.3389

Inverse Universe

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



66.8155, 69.5622, 87.7481



78.9422, 82.0017, 106.2749



67.2694, 67.9136, 87.4060



14.5087, 15.1038, 19.0729



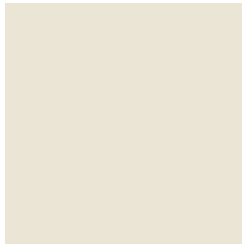
9.1425, 4.9319, 44.2131



0.7888, 0.5290, 3.4954

Previews

White Background



This preview shows how the XYZ color 73.8347, 78.2845, 73.5063 looks on a white background.

Color Contrast Check

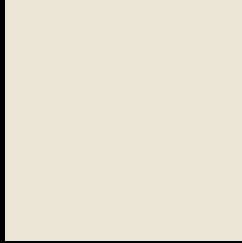
Large Text (above 18pt) WCAG AA × Fail

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 73.8347, 78.2845, 73.5063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

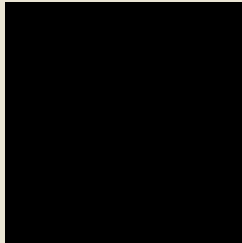
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

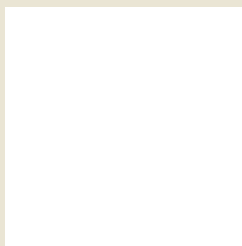
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8347, 78.2845, 73.5063

Background



This preview shows how black text looks on a background with the XYZ color 73.8347, 78.2845, 73.5063.



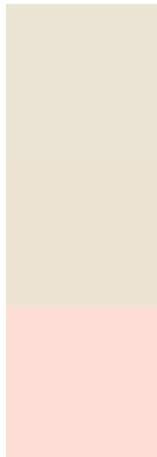
This preview shows how white text looks on a background with the XYZ color 73.8347, 78.2845,

73.5063.

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

73.8347, 78.2845, 73.5063

Protanopia

74.4263, 78.1945, 72.7984

Deuteranopia

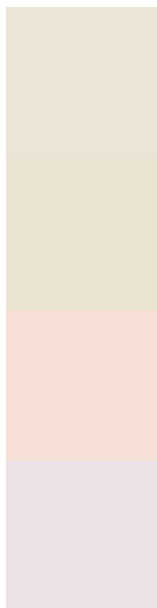
79.3622, 77.8792, 75.1393



Tritanopia

78.2121, 78.4384, 95.0223

Trichromacy



Original Color

73.8347, 78.2845, 73.5063

Protanomaly

74.0933, 78.0228, 72.7828

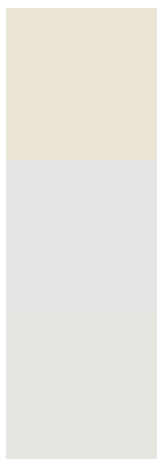
Deuteranomaly

77.1510, 77.9405, 74.5961

Tritanomaly

76.5452, 78.1668, 86.6546

Monochromacy



Original Color

73.8347, 78.2845, 73.5063

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2936, 78.3553, 81.0204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8347, 78.2845, 73.5063 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, 229, 212) looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 212)  
}
```

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, 229, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.8347, 78.2845, 73.5063 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, 229, 212) }
```


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

```
.border{ border-color:rgb(234, 229, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 212);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8347, 78.2845, 73.5063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 212) }
```

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

```
.background{ background-color: rgb(234,  
229, 212) }
```

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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