

Converting Colors

XYZ(78.5172, 82.9362, 73.3727)

Have a look what the booklet for
XYZ(78.5172, 82.9362, 73.3727)
contains.

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Color

**XYZ(78.4889, 82.7819,
73.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EAD3
RGB	244, 234, 211
RGB Percent	96%, 92%, 83%
CMY	0.0431, 0.0823, 0.1725
CMYK	0.00, 0.04, 0.14, 0.04
HSL	42°, 60%, 89%
HSV	42°, 14%, 96%
XYZ	78.4889, 82.7819, 73.4697
YIQ	234.3680, 13.3430, -5.0330

Conversions

Conversions Part 2

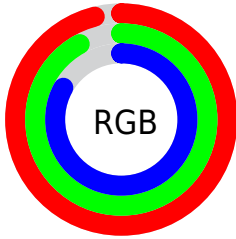
Format	Color
R _Y B	225, 244, 211
Decimal	16050899
CIE Lab	92.92, -0.38, 12.37
CIE LCh	93, 12.377, 91.777
Yxy	82.7819, 0.3344, 0.3527
Android (android.graphics.Color)	4294240979 (0xFFF4EAD3)
YUV	234.3680, -11.5204, 8.4473
Hunter-Lab	90.9846, -5.2379, 15.8127

Details

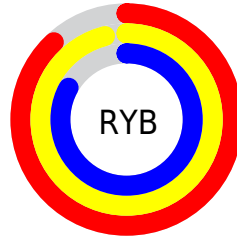
The XYZ color **78.4889, 82.7819, 73.4697** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.0493, 72.0919, 95.8644**, and the grayscale version is **78.5650, 82.6565, 90.0129**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6602, 44.9325, 37.8769** is the 20% darker color. If you saturate the color by 10%, you get **73.5997, 77.5323, 57.8766**, and if you desaturate by 10%, it is **83.9348, 88.4002, 91.5411**.

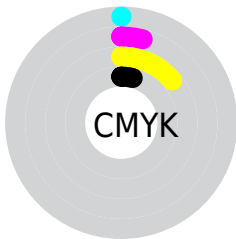
Distribution



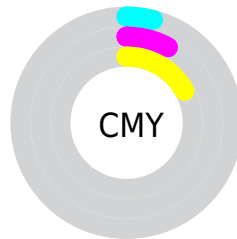
- Red (96%)
- Green (92%)
- Blue (83%)



- Red (88%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4889, 82.7819, 73.4697 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 78.4889, 82.7819, 73.4697 by changing the saturation by 10% instead.

78.4889, 82.7819,
73.4697

78.4889, 82.7819,
73.4697

478.6401,
504.2594, 491.7555

58.7799, 62.0102,
53.8660

130.2008,
137.2700, 125.8709

42.6816, 45.0410,
38.1021

162.9344,
171.7551, 159.5054

29.8288, 31.4897,
25.7595

200.7402,
211.5803, 198.6539

19.8561, 20.9720,
16.4196

243.9836,
257.1298, 243.7350

12.3982, 13.1036,
9.6640

293.0299,
308.7881, 295.1671

7.0896, 7.4999,
5.0741

348.2445,

3.5650, 3.7766,

366.9395, 353.3689

2.2313

409.9928,
431.9685, 418.7588

■ 1.4591, 1.5494,
0.6923

■ 0.2978, 0.3231,
0.0000

■ 78.4889, 82.7819,
73.4697

■ 78.4889, 82.7819,
73.4697

■ 73.5997, 77.5323,
57.8766

■ 83.9348, 88.4002,
91.5411

■ 69.2384, 72.6298,
44.6462

■ 89.1683, 94.0728,
108.0659

■ 65.3839, 68.0670,
33.6616

■ 91.1185, 97.9732,
108.7160

■ 62.0105, 63.8320,
24.7941

■ 59.0904, 59.9118,
17.9012

■ 56.5919, 56.2919,
12.8234

■ 54.4790, 52.9560,
9.3756

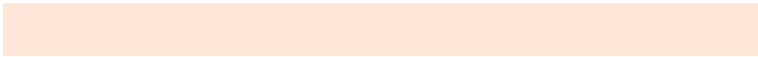
■ 52.7079, 49.8847,
7.3332

■ 51.7016, 48.0193,
6.5437

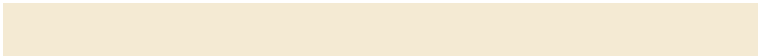
Harmonies

Analogous

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



81.6614, 82.7819, 75.3265



78.4889, 82.7819, 73.4697



75.4499, 82.7819, 75.8179

Triad

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



78.4889, 82.7819, 73.4697



73.5092, 82.7819, 99.8503



84.2932, 82.7819, 98.8289

Complementary

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



78.4889, 82.7819, 73.4697



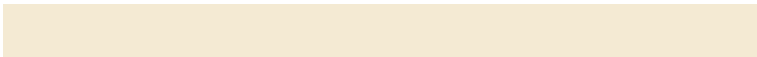
69.0493, 72.0919, 95.8644

Split Complementary

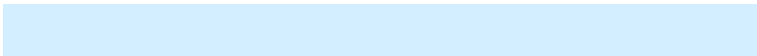
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0045, 82.7819, 106.1507



78.4889, 82.7819, 73.4697



75.7754, 82.7819, 106.7682

Square

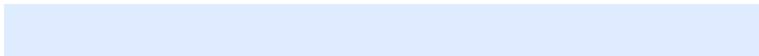
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4889, 82.7819, 73.4697



72.6242, 82.7819, 90.6892



78.8748, 82.7819, 109.1481



85.0670, 82.7819, 89.5839

Rectangle

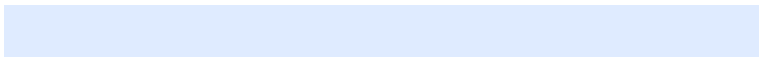
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4889, 82.7819, 73.4697



73.8935, 82.7819, 79.5521



78.8748, 82.7819, 109.1481



83.6725, 82.7819, 101.6181

Sweetspot

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



78.4911, 82.7856, 73.4715



92.4732, 97.4050, 100.1534



73.7146, 71.0672, 78.5546



19.6918, 20.7458, 21.0958



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.



78.4911, 82.7856, 73.4715



85.3469, 90.0127, 76.6282



79.3525, 87.5738, 74.3503



17.4663, 18.4167, 17.4318



28.2381, 26.3617, 3.6000



2.5720, 2.4972, 0.3464

Inverse Universe

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



69.0493, 72.0919, 95.8644



73.1882, 76.2427, 105.4666



68.2546, 67.8807, 95.0935



15.9904, 16.7450, 20.9319



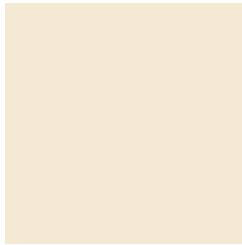
10.3116, 6.4170, 47.2331



0.9929, 0.7371, 4.1802

Previews

White Background



This preview shows how the XYZ color 78.4889, 82.7819, 73.4697 looks on a white background.

Color Contrast Check

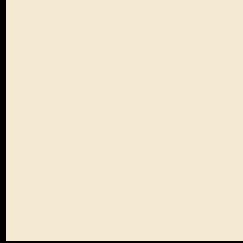
Large Text (above 18pt) WCAG AA × Fail

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 78.4889, 82.7819, 73.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

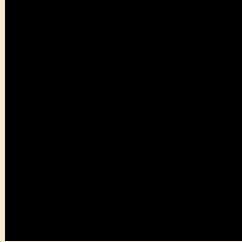
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4889, 82.7819, 73.4697

Background



This preview shows how black text looks on a background with the XYZ color 78.4889, 82.7819, 73.4697.

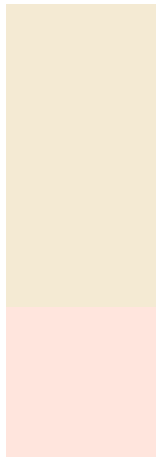


This preview shows how white text looks on a background with the XYZ color 78.4889, 82.7819,

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

78.4889, 82.7819, 73.4697

Protanopia

78.4889, 82.7819, 73.4697

Deuteranopia

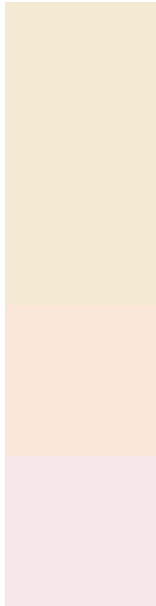
82.3105, 82.5191, 79.9962



Tritanopia

83.8747, 82.8938, 99.5751

Trichromacy



Original Color

78.4889, 82.7819, 73.4697

Protanomaly

78.4889, 82.7819, 73.4697

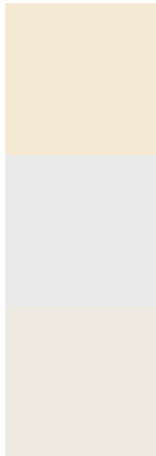
Deuteranomaly

80.8840, 82.6708, 77.3397

Tritanomaly

81.7850, 82.8665, 89.5262

Monochromacy



Original Color

78.4889, 82.7819, 73.4697

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4102, 82.5138, 83.7456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4889, 82.7819, 73.4697 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(244, 234, 211) looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 211)  
}
```

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(244, 234, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 211) }
```

Border

The CSS property to change the border of an element to XYZ 78.4889, 82.7819, 73.4697 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(244, 234, 211) }
```


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

```
.border{ border-color:rgb(244, 234, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 234, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 211);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4889, 82.7819, 73.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 211) }
```

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

```
.background{ background-color: rgb(244,  
234, 211) }
```

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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