

Converting Colors

XYZ(73.4605, 77.6836, 63.6798)

Have a look what the booklet for
XYZ(73.4605, 77.6836, 63.6798)
contains.

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Color

**XYZ(73.4823, 77.4947,
63.9084)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3C5
RGB	240, 227, 197
RGB Percent	94%, 89%, 77%
CMY	0.0588, 0.1098, 0.2274
CMYK	0.00, 0.05, 0.18, 0.06
HSL	42°, 59%, 86%
HSV	42°, 18%, 94%
XYZ	73.4823, 77.4947, 63.9084
YIQ	227.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

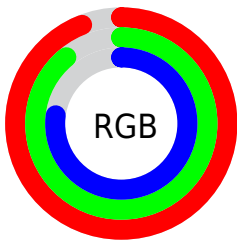
Format	Color
RYB	216, 240, 197
Decimal	15786949
CIELab	90.55, -0.36, 16.25
CIELCh	91, 16.255, 91.276
Yxy	77.4947, 0.3420, 0.3606
Android (android.graphics.Color)	4293977029 (0xFFFF0E3C5)
YUV	227.4670, -15.0202, 10.9914
Hunter-Lab	88.0311, -5.0548, 18.5787

Details

The XYZ color **73.4823, 77.4947, 63.9084** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.8004, 64.2533, 91.5834**, and the grayscale version is **73.4526, 77.2779, 84.1556**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **39.4776, 41.6786, 31.9507** is the 20% darker color. If you saturate the color by 10%, you get **69.0068, 72.5994, 49.9121**, and if you desaturate by 10%, it is **78.4834, 82.7392, 80.2417**.

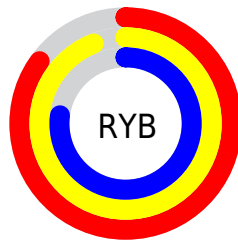
Distribution



Red (94%)

Green (89%)

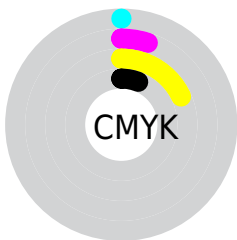
Blue (77%)



Red (85%)

Yellow (94%)

Blue (77%)

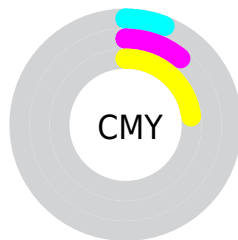


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4823, 77.4947, 63.9084 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 73.4823, 77.4947, 63.9084 by changing the saturation by 10% instead.

73.4823, 77.4947,
63.9084

73.4823, 77.4947,
63.9084

461.7626,
486.4491, 457.0572

54.6602, 57.6590,
46.1308

123.1611,
129.8376, 112.0772

39.3625, 41.5346,
31.9996

154.7485,
163.1135, 143.3055

27.2238, 28.7370,
21.0964

191.3218,
201.6383, 179.8544

17.8789, 18.8820,
13.0026

233.2462,
245.7964, 222.1424

10.9622, 11.5850,
7.2996

280.8871,
295.9721, 270.5882

6.1085, 6.4618,
3.5689

334.6099,

2.9525, 3.1279,

352.5498, 325.6102

1.3919

394.7800,
415.9140, 387.6270

■ 1.1287, 1.1988,
0.1354

■ 0.0489, 0.0608,
0.0000

■ 73.4823, 77.4947,
63.9084

■ 73.4823, 77.4947,
63.9084

■ 69.0068, 72.5994,
49.9121

■ 78.4834, 82.7392,
80.2417

■ 65.0290, 68.0328,
38.1387

■ 84.0242, 88.3322,
99.0091

■ 61.5276, 63.7871,
28.4719

■ 87.7884, 93.3515,
107.9994

■ 58.4772, 59.8505,
20.7826

■ 89.7454, 97.2654,
108.6517

■ 55.8494, 56.2100,
14.9275

■ 53.6124, 52.8512,
10.7440

■ 51.7287, 49.7571,
8.0402

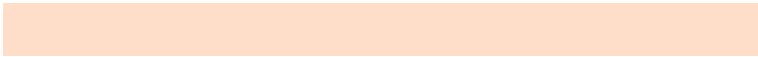
■ 50.1474, 46.9057,
6.5543

■ 49.8405, 46.3356,
6.3168

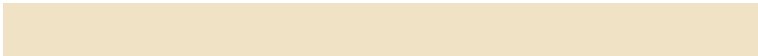
Harmonies

Analogous

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



77.4792, 77.4947, 66.2212



73.4823, 77.4947, 63.9084



69.6702, 77.4947, 66.6466

Triad

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



73.4823, 77.4947, 63.9084



67.1723, 77.4947, 96.5493



80.7299, 77.4947, 95.6070

Complementary

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



73.4823, 77.4947, 63.9084



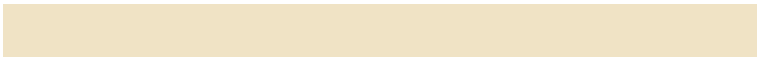
61.8004, 64.2533, 91.5834

Split Complementary

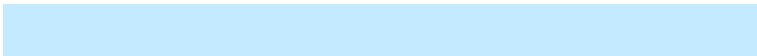
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7918, 77.4947, 105.0058



73.4823, 77.4947, 63.9084



69.9614, 77.4947, 105.5842

Square

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



73.4823, 77.4947, 63.9084



66.1109, 77.4947, 84.8785



73.8307, 77.4947, 108.8105



81.7552, 77.4947, 83.8806

Rectangle

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



73.4823, 77.4947, 63.9084



67.7217, 77.4947, 71.1283



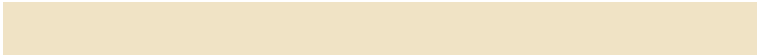
73.8307, 77.4947, 108.8105



79.9280, 77.4947, 99.1799

Sweetspot

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



73.4844, 77.4982, 63.9100



91.8477, 96.7720, 98.0394



67.6121, 63.1427, 70.0015



19.5656, 20.6178, 20.6700



0.0000, 0.0000, 0.0000



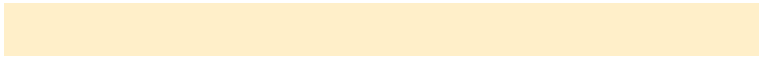
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4844, 77.4982, 63.9100



82.6486, 87.1241, 67.9969



74.5554, 83.5273, 65.0173



16.6962, 17.6056, 16.6680



27.4056, 25.6094, 3.4987



2.3668, 2.3043, 0.3200

Inverse Universe

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



61.8004, 64.2533, 91.5834



67.2349, 69.6527, 104.5084



60.8400, 59.1874, 90.6562



15.2867, 16.0076, 20.0057



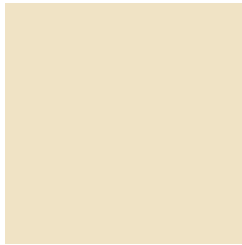
9.9992, 6.2226, 45.8019



0.9160, 0.6860, 3.8383

Previews

White Background



This preview shows how the XYZ color 73.4823, 77.4947, 63.9084 looks on a white background.

Color Contrast Check

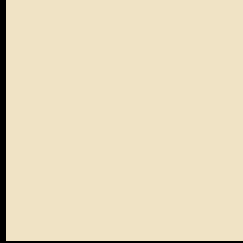
Large Text (above 18pt) WCAG AA × Fail

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 73.4823, 77.4947, 63.9084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

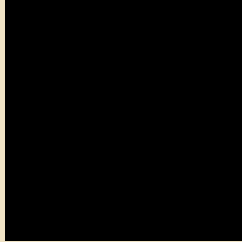
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4823, 77.4947, 63.9084

Background



This preview shows how black text looks on a background with the XYZ color 73.4823, 77.4947, 63.9084.

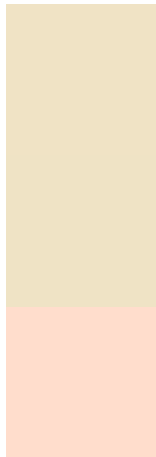


This preview shows how white text looks on a background with the XYZ color 73.4823, 77.4947,

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

73.4823, 77.4947, 63.9084

Protanopia

73.1437, 77.3201, 63.8925

Deuteranopia

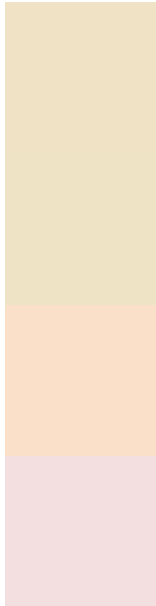
77.9955, 77.3325, 67.9426



Tritanopia

78.9453, 77.2984, 91.6481

Trichromacy



Original Color

73.4823, 77.4947, 63.9084

Protanomaly

73.1437, 77.3201, 63.8925

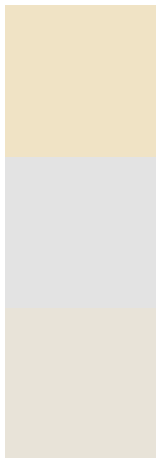
Deuteranomaly

76.3546, 77.3164, 66.1576

Tritanomaly

76.6691, 77.1578, 80.6641

Monochromacy



Original Color

73.4823, 77.4947, 63.9084

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1425, 77.0518, 75.9832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4823, 77.4947, 63.9084 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(240, 227, 197) looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 197)  
}
```

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(240, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 197) }
```

Border

The CSS property to change the border of an element to XYZ 73.4823, 77.4947, 63.9084 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(240, 227, 197) }
```


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

```
.border{ border-color:rgb(240, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 197);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4823, 77.4947, 63.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 197) }
```

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

```
.background{ background-color: rgb(240,  
227, 197) }
```

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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