

Converting Colors

XYZ(74.7530, 76.8410, 64.9452)

Have a look what the booklet for
XYZ(74.7530, 76.8410, 64.9452)
contains.

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Color

**XYZ(74.9705, 77.0277,
64.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E0C7
RGB	246, 224, 199
RGB Percent	96%, 88%, 78%
CMY	0.0353, 0.1215, 0.2196
CMYK	0.00, 0.09, 0.19, 0.04
HSL	32°, 72%, 87%
HSV	32°, 19%, 96%
XYZ	74.9705, 77.0277, 64.9493
YIQ	227.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

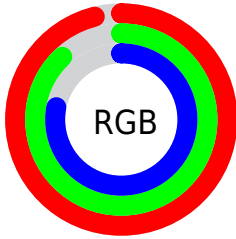
Format	Color
R _Y B	240, 246, 199
Decimal	16179399
CIE Lab	90.33, 3.64, 14.98
CIE LCh	90, 15.413, 76.341
Yxy	77.0277, 0.3456, 0.3551
Android (android.graphics.Color)	4294369479 (0xFFFF6E0C7)
YUV	227.7280, -14.1629, 16.0245
Hunter-Lab	87.7654, -1.1122, 17.5592

Details

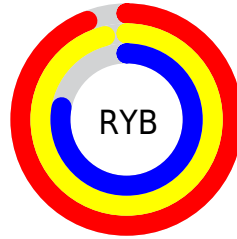
The XYZ color **74.9705, 77.0277, 64.9493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0438, 70.5071, 97.3176**, and the grayscale version is **73.6352, 77.4699, 84.3648**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2851, 41.2391, 32.6248** is the 20% darker color. If you saturate the color by 10%, you get **69.3526, 69.9989, 50.1059**, and if you desaturate by 10%, it is **81.2638, 84.6672, 82.2975**.

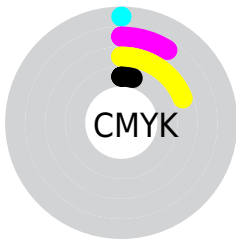
Distribution



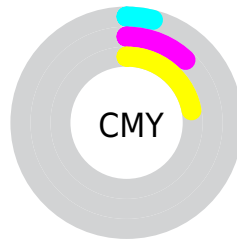
- Red (96%)
- Green (88%)
- Blue (78%)



- Red (94%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9705, 77.0277, 64.9493 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 74.9705, 77.0277, 64.9493 by changing the saturation by 10% instead.

74.9705, 77.0277,
64.9493

74.9705, 77.0277,
64.9493

466.8149,
484.8585, 460.9110

55.8828, 57.2756,
46.9689

125.2587,
129.1786, 113.5895

40.3456, 41.2266,
32.6569

157.1900,
162.3462, 145.0865

27.9935, 28.4962,
21.5948

194.1332,
200.7544, 181.9259

18.4612, 18.7000,
13.3640

236.4536,
244.7876, 224.5265

11.3833, 11.4537,
7.5460

284.5166,
294.8302, 273.3068

6.3945, 6.3729,
3.7223

338.6876,

3.1293, 3.0731,

351.2666, 328.6853

1.4743

399.3319,
414.4813, 391.0805

■ 1.2225, 1.1700,
0.1986

■ 0.1240, 0.0370,
0.0000

■ 74.9705, 77.0277,
64.9493

■ 74.9705, 77.0277,
64.9493

■ 69.3526, 69.9989,
50.1059

■ 81.2638, 84.6672,
82.2975

■ 64.3776, 63.5532,
37.6444

■ 88.2510, 92.9231,
102.2559

■ 60.0195, 57.6762,
27.4389

■ 91.8162, 98.3329,
108.7487

■ 56.2476, 52.3484,
19.3495

■ 53.0280, 47.5491,
13.2208

■ 50.3228, 43.2557,
8.8755

■ 48.0874, 39.4424,
6.1036

■ 46.2571, 36.0753,
4.5884

■ 46.1061, 35.7927,
4.4786

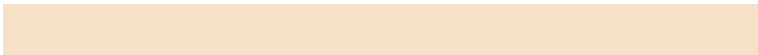
Harmonies

Analogous

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



78.4307, 77.0277, 69.4790



74.9705, 77.0277, 64.9493



71.1541, 77.0277, 65.1656

Triad

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



74.9705, 77.0277, 64.9493



66.3513, 77.0277, 89.9632



78.6869, 77.0277, 99.3368

Complementary

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



74.9705, 77.0277, 64.9493



66.0438, 70.5071, 97.3176

Split Complementary

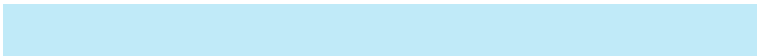
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3103, 77.0277, 105.8494



74.9705, 77.0277, 64.9493



68.2311, 77.0277, 100.1226

Square

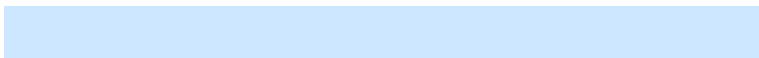
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9705, 77.0277, 64.9493



66.2676, 77.0277, 78.9736



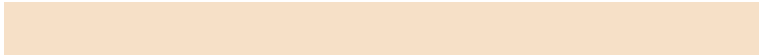
71.4822, 77.0277, 106.1490



80.6265, 77.0277, 88.9648

Rectangle

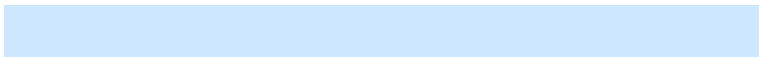
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9705, 77.0277, 64.9493



68.9224, 77.0277, 67.9595



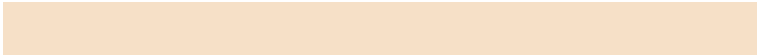
71.4822, 77.0277, 106.1490



77.6771, 77.0277, 102.0882

Sweetspot

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



74.9726, 77.0312, 64.9509



90.4418, 94.5699, 95.6916



71.5771, 65.6994, 77.8179



19.2545, 20.1185, 20.1877



0.0000, 0.0000, 0.0000



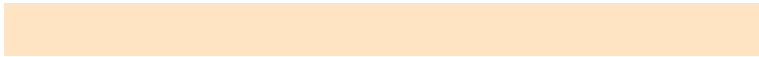
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9726, 77.0312, 64.9509



78.8643, 80.5027, 63.8156



80.9970, 89.4871, 67.0376



17.2291, 17.9424, 17.3527



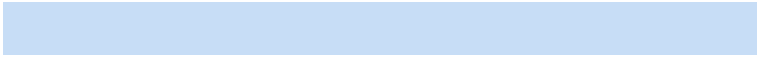
24.7514, 19.3884, 2.4378



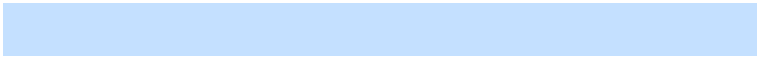
2.2783, 1.9098, 0.2485

Inverse Universe

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



66.0438, 70.5071, 97.3176



67.5072, 72.2050, 104.9867



60.8205, 59.7513, 95.5168



16.2205, 17.2053, 21.0086



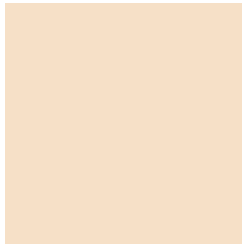
12.2963, 10.3865, 47.8947



1.1826, 1.1167, 4.2434

Previews

White Background



This preview shows how the XYZ color 74.9705, 77.0277, 64.9493 looks on a white background.

Color Contrast Check

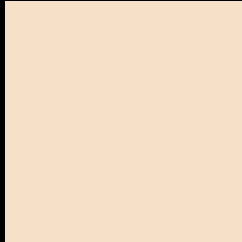
Large Text (above 18pt) WCAG AA × Fail

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 74.9705, 77.0277, 64.9493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

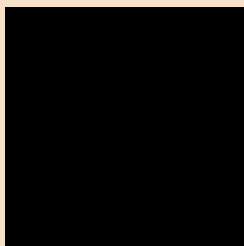
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9705, 77.0277, 64.9493

Background



This preview shows how black text looks on a background with the XYZ color 74.9705, 77.0277, 64.9493.



This preview shows how white text looks on a background with the XYZ color 74.9705, 77.0277,

64.9493.

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

74.9705, 77.0277, 64.9493

Protanopia

73.1543, 77.2854, 65.7055

Deuteranopia

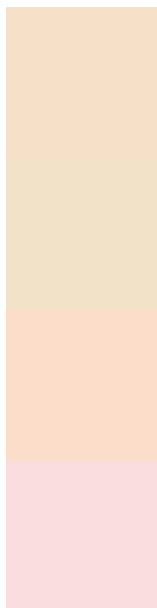
77.7323, 76.8060, 67.8549



Tritanopia

80.2555, 77.2284, 90.0335

Trichromacy



Original Color

74.9705, 77.0277, 64.9493

Protanomaly

73.8973, 77.2636, 65.6621

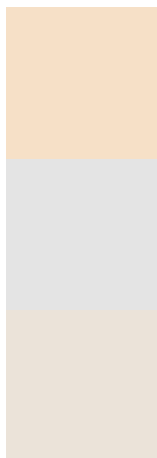
Deuteranomaly

76.6620, 76.6726, 66.6359

Tritanomaly

78.2427, 77.1804, 80.5855

Monochromacy



Original Color

74.9705, 77.0277, 64.9493

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2544, 77.6101, 76.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9705, 77.0277, 64.9493 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(246, 224, 199) looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 199)  
}
```

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(246, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 199) }
```

Border

The CSS property to change the border of an element to XYZ 74.9705, 77.0277, 64.9493 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(246, 224, 199) }
```


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

```
.border{ border-color:rgb(246, 224, 199) }
```

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

Here you see how a box with a 4 pixel rgb(246, 224, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(246, 224,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9705, 77.0277, 64.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 224, 199) }
```

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

```
.background{ background-color: rgb(246,  
224, 199) }
```

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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