

Converting Colors

XYZ(77.4253, 78.7962, 78.8426)

Have a look what the booklet for
XYZ(77.4253, 78.7962, 78.8426)
contains.

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Color

**XYZ(77.4229, 78.7931,
78.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2DC
RGB	244, 226, 220
RGB Percent	96%, 89%, 86%
CMY	0.0431, 0.1137, 0.1372
CMYK	0.00, 0.07, 0.10, 0.04
HSL	15°, 52%, 91%
HSV	15°, 10%, 96%
XYZ	77.4229, 78.7931, 78.8381
YIQ	230.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

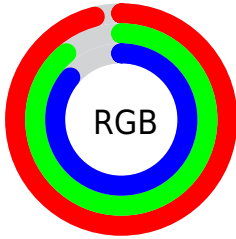
Format	Color
R _Y B	244, 228, 220
Decimal	16048860
CIE Lab	91.14, 5.15, 5.13
CIE LCh	91, 7.269, 44.914
Yxy	78.7931, 0.3294, 0.3352
Android (android.graphics.Color)	4294238940 (0xFFFF4E2DC)
YUV	230.6980, -5.2741, 11.6659
Hunter-Lab	88.7655, 0.3514, 9.4767

Details

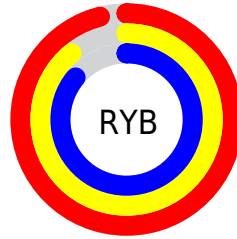
The XYZ color **77.4229, 78.7931, 78.8381** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4187, 82.8950, 97.5616**, and the grayscale version is **75.7644, 79.7100, 86.8042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0935, 42.5338, 41.5886** is the 20% darker color. If you saturate the color by 10%, you get **69.7124, 68.1712, 61.4712**, and if you desaturate by 10%, it is **86.1404, 90.6724, 98.8696**.

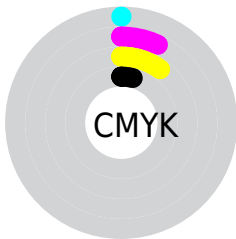
Distribution



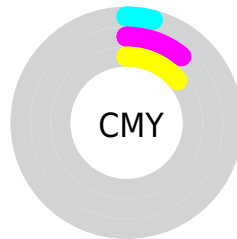
- Red (96%)
- Green (89%)
- Blue (86%)



- Red (96%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4229, 78.7931, 78.8381 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 77.4229, 78.7931, 78.8381 by changing the saturation by 10% instead.


 77.4229, 78.7931,
78.8381

 77.4229, 78.7931,
78.8381


475.0746,
490.8561, 510.6116

 57.9012, 58.7257,
58.2422


128.7060,
131.6675, 133.5275

 41.9721, 42.3924,
41.5874


161.1980,
165.2434, 168.4581

 29.2705, 29.4086,
28.4552


198.7441,
204.0909, 209.0039

 19.4309, 19.3902,
18.4270

241.7098,
248.5943, 255.5836

 12.0879, 11.9525,
11.0844

290.4603,
299.1382, 308.6157

 6.8762, 6.7114,
6.0088

345.3611,

 3.4304, 3.2823,

356.1068, 368.5187

2.7815

406.7774,
419.8847, 435.7112

■ 1.3853, 1.2808,
0.9842

■ 0.2457, 0.1263,
0.0000

■ 77.4229, 78.7931,
78.8381

■ 77.4229, 78.7931,
78.8381

■ 69.7124, 68.1712,
61.4712

■ 86.1404, 90.6724,
98.8696

■ 62.9654, 58.7549,
46.6510

■ 91.1187, 97.9733,
108.7160

■ 57.1448, 50.5042,
34.2585

■ 52.2087, 43.3728,
24.1630

■ 48.1114, 37.3114,
16.2216

■ 44.8033, 32.2665,
10.2749

■ 42.2289, 28.1800,
6.1416

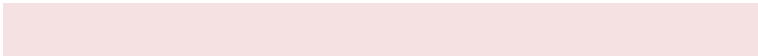
■ 40.3243, 24.9873,
3.6062

■ 38.9980, 22.6085,
2.3199

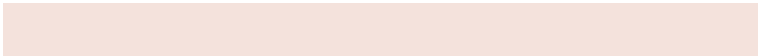
Harmonies

Analogous

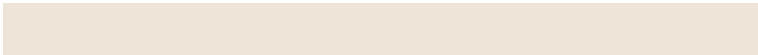
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3601, 78.7931, 83.2118



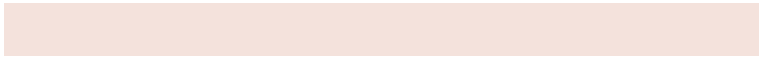
77.4229, 78.7931, 78.8381



75.8147, 78.7931, 76.3800

Triad

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



77.4229, 78.7931, 78.8381



71.5275, 78.7931, 83.1832



75.8044, 78.7931, 95.9562

Complementary

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



77.4229, 78.7931, 78.8381



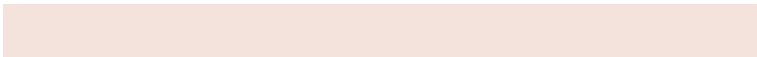
76.4187, 82.8950, 97.5616

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.



73.9738, 78.7931, 95.9478



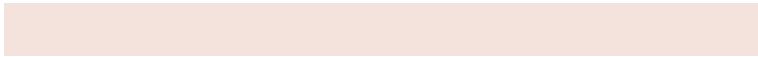
77.4229, 78.7931, 78.8381



71.5248, 78.7931, 88.4256

Square

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



77.4229, 78.7931, 78.8381



72.4212, 78.7931, 78.8179



72.4139, 78.7931, 93.1439



77.4153, 78.7931, 93.1664

Rectangle

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



77.4229, 78.7931, 78.8381



74.5879, 78.7931, 76.0918



72.4139, 78.7931, 93.1439



75.1939, 78.7931, 96.2841

Sweetspot

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



77.4251, 78.7966, 78.8398



92.0399, 95.9116, 101.9409



78.3351, 76.5937, 91.5453



19.5319, 20.2998, 21.4314



0.0000, 0.0000, 0.0000



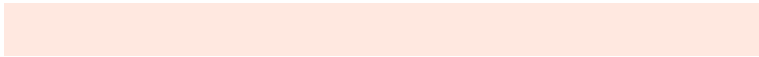
20.3446, 21.4041, 23.3091

Same Dimension

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



77.4251, 78.7966, 78.8398



83.6211, 84.4080, 82.6908



80.8021, 85.5506, 79.9655



16.8359, 17.1560, 17.2217



21.2856, 12.4567, 1.2825



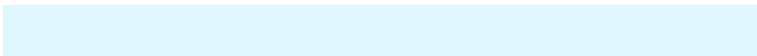
1.9492, 1.2516, 0.1389

Inverse Universe

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



76.4187, 82.8950, 97.5616



82.2808, 89.8638, 107.6165



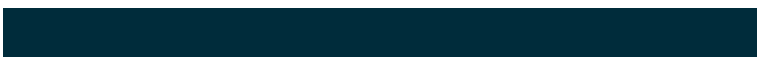
73.0418, 76.1412, 96.4360



16.6251, 18.0146, 21.1435



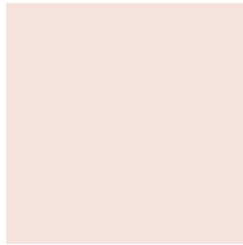
18.1957, 22.1851, 49.8612



1.6802, 2.1118, 4.4093

Previews

White Background



This preview shows how the XYZ color 77.4229, 78.7931, 78.8381 looks on a white background.

Color Contrast Check

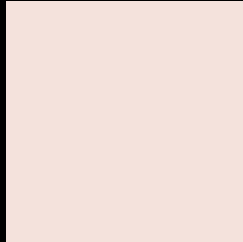
Large Text (above 18pt) WCAG AA × Fail

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 77.4229, 78.7931, 78.8381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

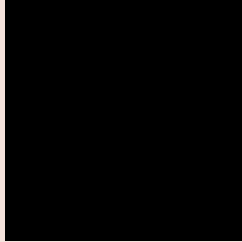
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4229, 78.7931, 78.8381

Background



This preview shows how black text looks on a background with the XYZ color 77.4229, 78.7931, 78.8381.

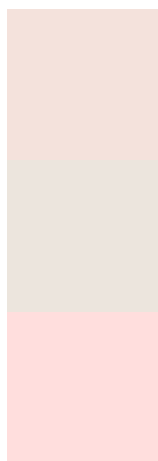


This preview shows how white text looks on a background with the XYZ color 77.4229, 78.7931,

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

77.4229, 78.7931, 78.8381

Protanopia

75.6625, 79.0919, 79.6850

Deuteranopia

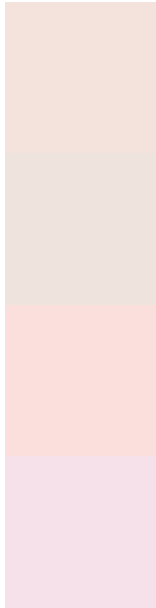
80.4124, 78.7230, 79.3635



Tritanopia

80.4736, 78.8408, 93.4145

Trichromacy



Original Color

77.4229, 78.7931, 78.8381

Protanomaly

76.3912, 79.0580, 79.6401

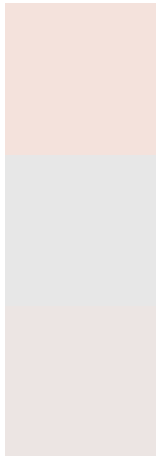
Deuteranomaly

79.2225, 78.5050, 79.3841

Tritanomaly

79.3697, 78.7873, 88.1150

Monochromacy



Original Color

77.4229, 78.7931, 78.8381

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.4765, 79.4175, 83.9714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4229, 78.7931, 78.8381 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, 226, 220) looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 220)  
}
```

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, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 220) }
```

Border

The CSS property to change the border of an element to XYZ 77.4229, 78.7931, 78.8381 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, 226, 220) }
```


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

```
.border{ border-color:rgb(244, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 226, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 226, 220); box-shadow:4px 4px 4px 4px rgb(244, 226, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4229, 78.7931, 78.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 220) }
```

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

```
.background{ background-color: rgb(244,  
226, 220) }
```

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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