

Converting Colors

XYZ(78.2703, 77.1919, 73.3024)

Have a look what the booklet for
XYZ(78.2703, 77.1919, 73.3024)
contains.

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Color

**XYZ(78.2481, 77.3490,
73.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDDD4
RGB	253, 221, 212
RGB Percent	99%, 87%, 83%
CMY	0.0078, 0.1333, 0.1686
CMYK	0.00, 0.13, 0.16, 0.01
HSL	13°, 91%, 91%
HSV	13°, 16%, 99%
XYZ	78.2481, 77.3490, 73.0931
YIQ	229.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

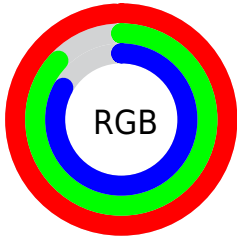
Format	Color
R _Y B	253, 224, 212
Decimal	16637396
CIE Lab	90.48, 9.64, 8.47
CIE LCh	90, 12.832, 41.304
Yxy	77.3490, 0.3422, 0.3382
Android (android.graphics.Color)	4294827476 (0xFFFD4DD4)
YUV	229.5420, -8.6482, 20.5727
Hunter-Lab	87.9483, 4.9030, 12.2884

Details

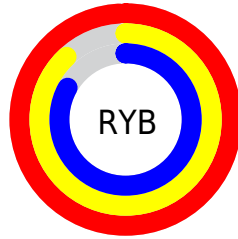
The XYZ color **78.2481, 77.3490, 73.0931** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2311, 85.7883, 105.4174**, and the grayscale version is **74.9277, 78.8297, 85.8456**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4870, 41.4425, 37.6582** is the 20% darker color. If you saturate the color by 10%, you get **70.3939, 66.3537, 55.9438**, and if you desaturate by 10%, it is **87.2197, 89.7773, 93.0839**.

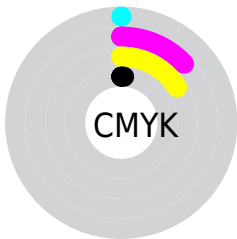
Distribution



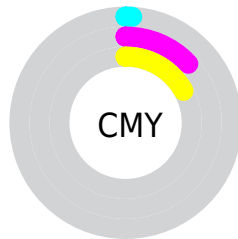
- Red (99%)
- Green (87%)
- Blue (83%)



- Red (99%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (1%)




- Cyan (1%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2481, 77.3490, 73.0931 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 78.2481, 77.3490, 73.0931 by changing the saturation by 10% instead.


 78.2481, 77.3490,
73.0931

 78.2481, 77.3490,
73.0931

477.8359,
485.9531, 490.4168

 58.5813, 57.5394,
53.5598


129.8633,
129.6320, 125.3315

 42.5212, 41.4384,
37.8591


162.5425,
162.8742, 158.8737

 29.7025, 28.6618,
25.5723


200.2897,
201.3626, 197.9226

 19.7599, 18.8251,
16.2811

243.4705,
245.4818, 242.8968

 12.3279, 11.5440,
9.5668

292.4502,
295.6160, 294.2148

 7.0412, 6.4340,
5.0108

347.5941,

 3.5344, 3.1107,

352.1497, 352.2951

2.1948

409.2675,
415.4673, 417.5562

■ 1.4423, 1.1898,
0.6714

■ 0.2860, 0.0534,
0.0000

■ 78.2481, 77.3490,
73.0931

■ 78.2481, 77.3490,
73.0931

■ 70.3939, 66.3537,
55.9438

■ 87.2197, 89.7773,
93.0839

■ 63.6064, 56.7294,
41.5016

■ 94.3183, 99.6228,
108.8658

■ 57.8403, 48.4249,
29.6288

■ 53.0444, 41.3817,
20.1734

■ 49.1630, 35.5367,
12.9672

■ 46.1343, 30.8214,
7.8205

■ 43.8883, 27.1597,
4.5116

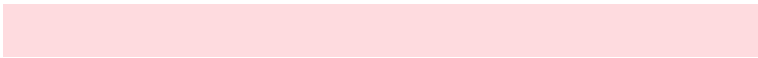
■ 42.3416, 24.4653,
2.7663

■ 41.9015, 23.6692,
2.3602

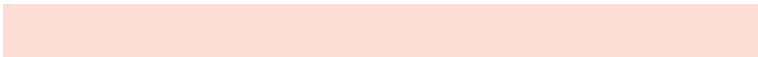
Harmonies

Analogous

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



79.7318, 77.3490, 80.8056



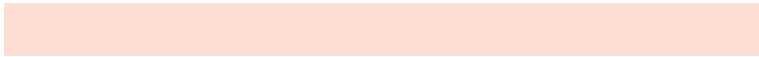
78.2481, 77.3490, 73.0931



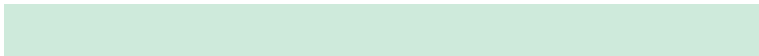
75.5123, 77.3490, 68.5751

Triad

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



78.2481, 77.3490, 73.0931



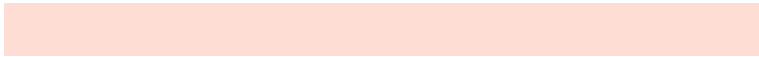
67.8303, 77.3490, 78.6850



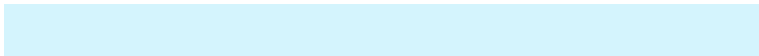
74.7332, 77.3490, 102.7511

Complementary

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



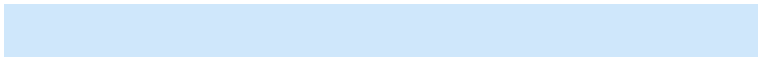
78.2481, 77.3490, 73.0931



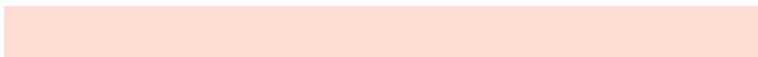
77.2311, 85.7883, 105.4174

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.



71.5590, 77.3490, 102.0797



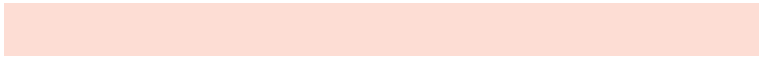
78.2481, 77.3490, 73.0931



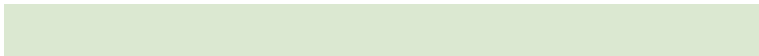
67.6355, 77.3490, 87.7290

Square

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



78.2481, 77.3490, 73.0931



69.5225, 77.3490, 71.6379



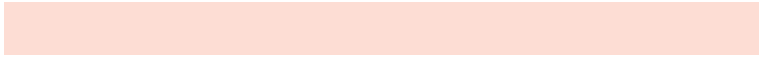
68.9823, 77.3490, 96.4222



77.6635, 77.3490, 98.1950

Rectangle

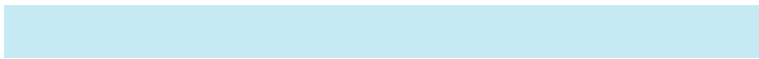
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2481, 77.3490, 73.0931



73.3777, 77.3490, 67.7697



68.9823, 77.3490, 96.4222



73.6583, 77.3490, 103.1375

Sweetspot

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



78.2502, 77.3525, 73.0947



89.9722, 93.0211, 97.4142



80.3992, 74.5094, 95.8258



19.1101, 19.7069, 20.5182



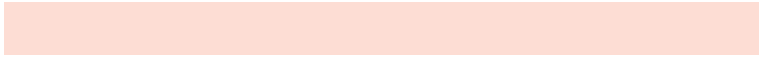
0.0000, 0.0000, 0.0000



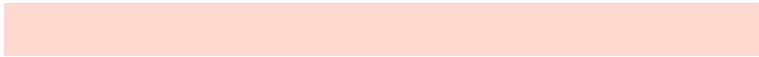
20.3446, 21.4041, 23.3091

Same Dimension

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



78.2502, 77.3525, 73.0947



77.3096, 75.4672, 69.2354



83.9613, 88.7747, 74.9984



18.3328, 18.6338, 18.7748



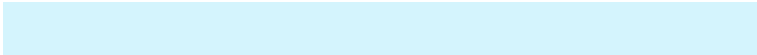
22.3769, 12.7650, 1.2845



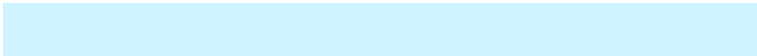
2.2552, 1.3957, 0.1505

Inverse Universe

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



77.2311, 85.7883, 105.4174



76.1154, 85.3384, 107.0680



71.4347, 74.1954, 103.4852



18.1965, 19.7646, 23.1058



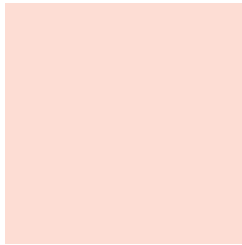
20.2180, 25.3456, 53.2612



2.0482, 2.6271, 5.2124

Previews

White Background



This preview shows how the XYZ color 78.2481, 77.3490, 73.0931 looks on a white background.

Color Contrast Check

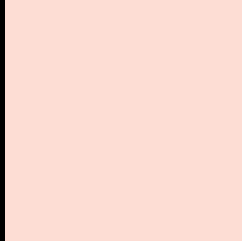
Large Text (above 18pt) WCAG AA × Fail

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 78.2481, 77.3490, 73.0931 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 78.2481, 77.3490, 73.0931

Background



This preview shows how black text looks on a background with the XYZ color 78.2481, 77.3490, 73.0931.



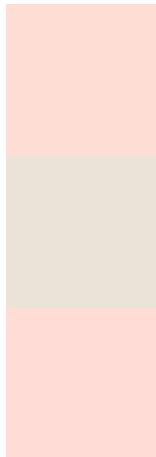
This preview shows how white text looks on a background with the XYZ color 78.2481, 77.3490,

73.0931.

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

78.2481, 77.3490, 73.0931

Protanopia

73.9958, 77.5066, 75.3503

Deuteranopia

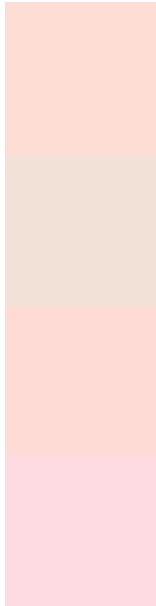
78.8434, 77.2505, 73.7061



Tritanopia

81.1627, 77.3433, 88.4929

Trichromacy



Original Color

78.2481, 77.3490, 73.0931

Protanomaly

75.6808, 77.5827, 74.6045

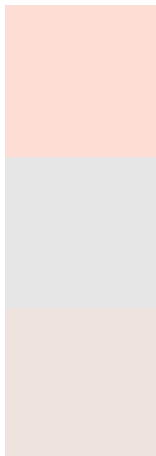
Deuteranomaly

78.4765, 77.0613, 73.6890

Tritanomaly

79.9320, 77.2249, 82.6445

Monochromacy



Original Color

78.2481, 77.3490, 73.0931

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.0483, 78.4430, 80.9449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2481, 77.3490, 73.0931 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(253, 221, 212) looks like.

```
.text, #text, p{  
    color:rgb(253, 221, 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(253, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 221, 212) }
```

Border

The CSS property to change the border of an element to XYZ 78.2481, 77.3490, 73.0931 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(253, 221, 212) }
```


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

```
.border{ border-color:rgb(253, 221, 212) }
```

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

Here you see how a box with a 4 pixel rgb(253, 221, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(253, 221,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2481, 77.3490, 73.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 221, 212) }
```

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

```
.background{ background-color: rgb(253,  
221, 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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