

Converting Colors

XYZ(78.9970, 78.2517, 74.5905)

Have a look what the booklet for
XYZ(78.9970, 78.2517, 74.5905)
contains.

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Color

**XYZ(78.7669, 77.9802,
74.5186)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDED6
RGB	253, 222, 214
RGB Percent	99%, 87%, 84%
CMY	0.0078, 0.1294, 0.1608
CMYK	0.00, 0.12, 0.15, 0.01
HSL	12°, 91%, 92%
HSV	12°, 15%, 99%
XYZ	78.7669, 77.9802, 74.5186
YIQ	230.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

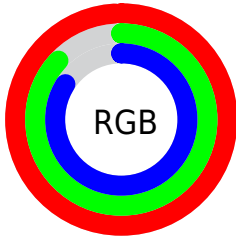
Format	Color
R _Y B	253, 224, 214
Decimal	16637654
CIE Lab	90.77, 9.43, 7.84
CIE LCh	91, 12.260, 39.734
Yxy	77.9802, 0.3406, 0.3372
Android (android.graphics.Color)	4294827734 (0xFFFDDED6)
YUV	230.3570, -8.0640, 19.8579
Hunter-Lab	88.3064, 4.6809, 11.7818

Details

The XYZ color **78.7669, 77.9802, 74.5186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1132, 86.6911, 105.5453**, and the grayscale version is **75.5269, 79.4602, 86.5321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8417, 41.8764, 38.6258** is the 20% darker color. If you saturate the color by 10%, you get **70.7580, 66.7375, 57.1267**, and if you desaturate by 10%, it is **87.9189, 90.7045, 94.7692**.

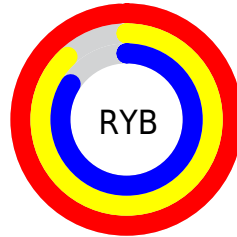
Distribution



Red (99%)

Green (87%)

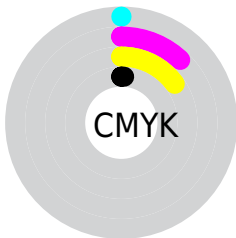
Blue (84%)



Red (99%)

Yellow (88%)

Blue (84%)

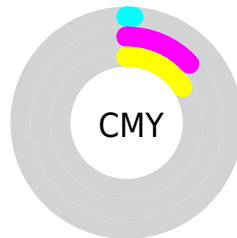


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7669, 77.9802, 74.5186 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 78.7669, 77.9802, 74.5186 by changing the saturation by 10% instead.


 78.7669, 77.9802,
74.5186

 78.7669, 77.9802,
74.5186

479.5675,
488.0996, 495.4725

 59.0091, 58.0577,
54.7192


130.5903,
130.5222, 127.3715

 42.8669, 41.8550,
38.7799


163.3867,
163.9105, 161.2621

 29.9747, 28.9878,
26.2820


201.2600,
202.5562, 200.6869

 19.9674, 19.0716,
16.8071

244.5755,
246.8437, 246.0645

 12.4795, 11.7220,
9.9365

293.6987,
297.1574, 297.8132

 7.1456, 6.5547,
5.2519

348.9948,

 3.6005, 3.1852,

353.8817, 356.3518

2.3345

410.8293,
417.4010, 422.0987

■ 1.4787, 1.2292,
0.7504

■ 0.3113, 0.0853,
0.0000

■ 78.7669, 77.9802,
74.5186

■ 78.7669, 77.9802,
74.5186

■ 70.7580, 66.7375,
57.1267

■ 87.9189, 90.7045,
94.7692

■ 63.8405, 56.9120,
42.4596

94.3184, 99.6228,
108.8658

■ 57.9678, 48.4501,
30.3798

■ 53.0879, 41.2907,
20.7361

■ 49.1437, 35.3681,
13.3611

■ 46.0722, 30.6105,
8.0666

■ 43.8021, 26.9384,
4.6331

■ 42.2489, 24.2616,
2.7913

■ 41.7331, 23.3323,
2.3040

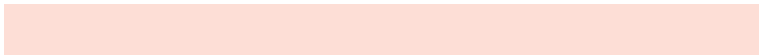
Harmonies

Analogous

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



80.1104, 77.9802, 82.0712



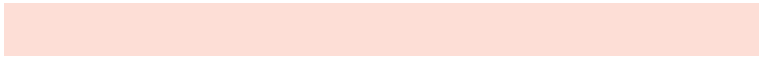
78.7669, 77.9802, 74.5186



76.1885, 77.9802, 69.9671

Triad

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



78.7669, 77.9802, 74.5186



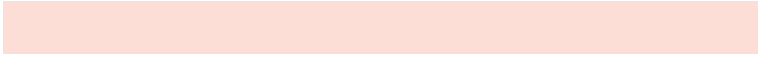
68.6990, 77.9802, 79.1658



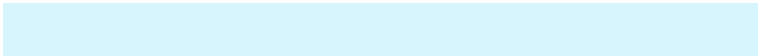
75.1238, 77.9802, 102.7482

Complementary

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



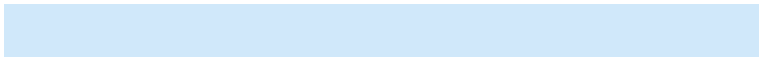
78.7669, 77.9802, 74.5186



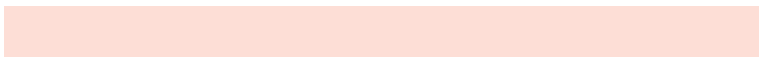
78.1132, 86.6911, 105.5453

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.



72.0850, 77.9802, 101.8357



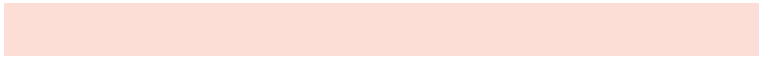
78.7669, 77.9802, 74.5186



68.4318, 77.9802, 87.8077

Square

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



78.7669, 77.9802, 74.5186



70.3957, 77.9802, 72.5184



69.6554, 77.9802, 96.2190



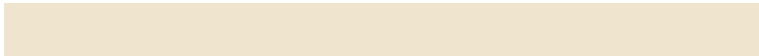
77.9690, 77.9802, 98.6322

Rectangle

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



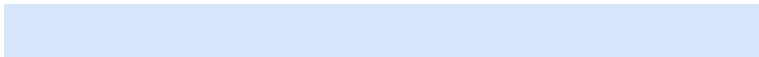
78.7669, 77.9802, 74.5186



74.1453, 77.9802, 69.0482



69.6554, 77.9802, 96.2190



74.0903, 77.9802, 103.0256

Sweetspot

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



78.7690, 77.9837, 74.5202



89.9167, 92.9101, 97.3957



81.0675, 75.5817, 96.8632



19.0967, 19.6800, 20.5137



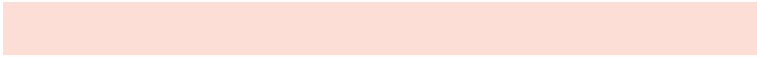
0.0000, 0.0000, 0.0000



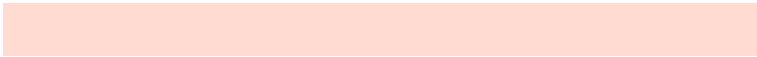
20.3446, 21.4041, 23.3091

Same Dimension

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



78.7690, 77.9837, 74.5202



77.9676, 76.2817, 71.0010



84.1907, 88.8270, 76.3275



18.3113, 18.5908, 18.7676



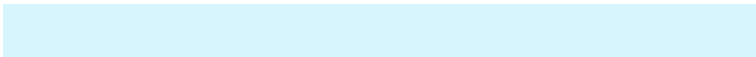
22.2826, 12.5765, 1.2531



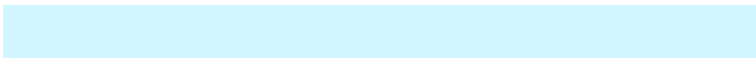
2.2431, 1.3716, 0.1465

Inverse Universe

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



78.1132, 86.6911, 105.5453



77.2008, 86.4458, 107.2245



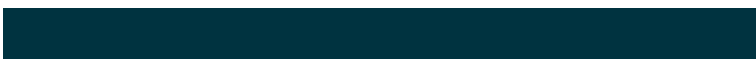
72.5771, 75.6188, 103.7000



18.2197, 19.8110, 23.1136



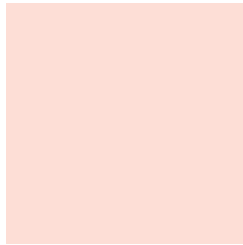
20.6593, 26.2282, 53.4083



2.0876, 2.7059, 5.2255

Previews

White Background



This preview shows how the XYZ color 78.7669, 77.9802, 74.5186 looks on a white background.

Color Contrast Check

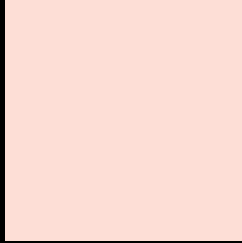
Large Text (above 18pt) WCAG AA × Fail

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 78.7669, 77.9802, 74.5186 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

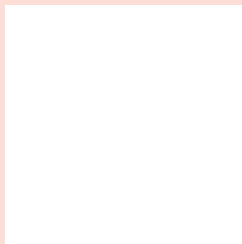
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7669, 77.9802, 74.5186

Background



This preview shows how black text looks on a background with the XYZ color 78.7669, 77.9802, 74.5186.



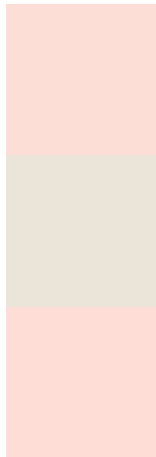
This preview shows how white text looks on a background with the XYZ color 78.7669, 77.9802,

74.5186.

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

78.7669, 77.9802, 74.5186

Protanopia

74.5287, 78.1587, 76.8037

Deuteranopia

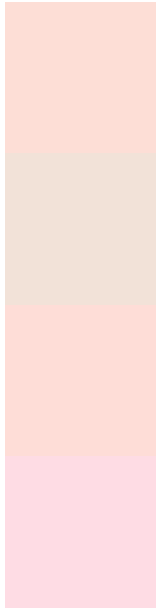
79.3622, 77.8792, 75.1393



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

78.7669, 77.9802, 74.5186

Protanomaly

76.2090, 78.2278, 76.0486

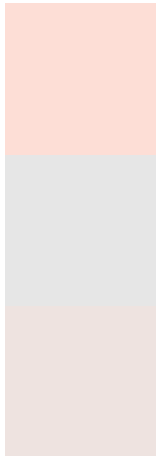
Deuteranomaly

78.9952, 77.6900, 75.1222

Tritanomaly

80.4698, 77.8587, 84.1858

Monochromacy



Original Color

78.7669, 77.9802, 74.5186

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.1835, 78.4971, 81.6572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7669, 77.9802, 74.5186 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, 222, 214)` looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 214)  
}
```

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, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.7669, 77.9802, 74.5186 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, 222, 214) }
```


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

```
.border{ border-color:rgb(253, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(253, 222,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7669, 77.9802, 74.5186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 214) }
```

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

```
.background{ background-color: rgb(253,  
222, 214) }
```

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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