

Converting Colors

XYZ(76.8524, 77.7343, 71.2481)

Have a look what the booklet for
XYZ(76.8524, 77.7343, 71.2481)
contains.

XYZ(76.8757, 77.8712, 71.3005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.8757, 77.8712,
71.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E0D1
RGB	248, 224, 209
RGB Percent	97%, 88%, 82%
CMY	0.0274, 0.1215, 0.1804
CMYK	0.00, 0.10, 0.16, 0.03
HSL	23°, 74%, 90%
HSV	23°, 16%, 97%
XYZ	76.8757, 77.8712, 71.3005
YIQ	229.4660, 19.1190, 0.4230

Conversions

Conversions Part 2

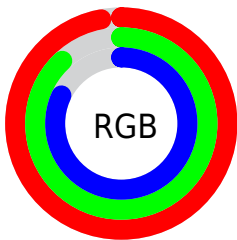
Format	Color
R _Y B	248, 233, 209
Decimal	16310481
CIE Lab	90.72, 5.85, 10.33
CIE LCh	91, 11.869, 60.452
Yxy	77.8712, 0.3401, 0.3445
Android (android.graphics.Color)	4294500561 (0xFFF8E0D1)
YUV	229.4660, -10.0897, 16.2543
Hunter-Lab	88.2447, 1.0749, 13.8657

Details

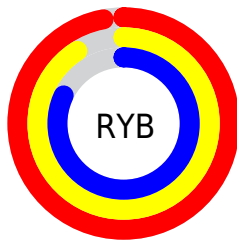
The XYZ color **76.8757, 77.8712, 71.3005** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3764, 78.6089, 100.1661**, and the grayscale version is **74.8834, 78.7831, 85.7948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5902, 41.8189, 36.8902** is the 20% darker color. If you saturate the color by 10%, you get **70.1231, 68.9028, 55.0620**, and if you desaturate by 10%, it is **84.4786, 87.7738, 90.1823**.

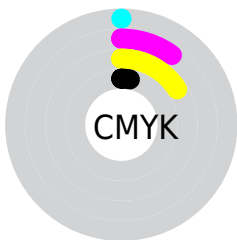
Distribution



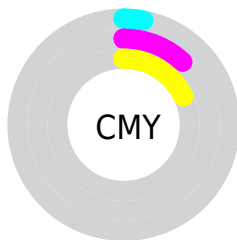
- Red (97%)
- Green (88%)
- Blue (82%)



- Red (97%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8757, 77.8712, 71.3005 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 76.8757, 77.8712, 71.3005 by changing the saturation by 10% instead.


 76.8757, 77.8712,
71.3005

 76.8757, 77.8712,
71.3005

473.2386,
487.7293, 484.0152

 57.4504, 57.9682,
52.1041


127.9378,
130.3685, 122.7600

 41.6085, 41.7831,
36.7053


160.3053,
163.7316, 155.8601

 28.9847, 28.9315,
24.6854


197.7176,
202.3502, 194.4319

 19.2134, 19.0290,
15.6259

240.5401,
246.6087, 238.8940

 11.9295, 11.6912,
9.1084

289.1381,
296.8915, 289.6648

 6.7676, 6.5338,
4.7142

343.8769,

 3.3622, 3.1723,

353.5829, 347.1629

2.0248

405.1219,
417.0674, 411.8068

■ 1.3481, 1.2223,
0.5704

■ 0.2188, 0.0798,
0.0000

■ 76.8757, 77.8712,
71.3005

■ 76.8757, 77.8712,
71.3005

■ 70.1231, 68.9028,
55.0620

■ 84.4786, 87.7738,
90.1823

■ 64.1828, 60.8301,
41.3425

■ 92.3699, 98.3929,
108.7311

■ 59.0230, 53.6270,
30.0150

■ 92.5217, 98.6966,
108.7817

■ 54.6075, 47.2622,
20.9396

■ 50.8963, 41.7022,
13.9614

■ 47.8456, 36.9109,
8.9057

■ 45.4051, 32.8484,
5.5688

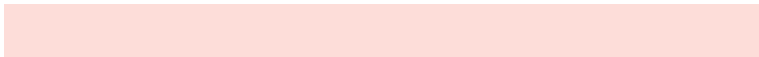
■ 43.5150, 29.4701,
3.6994

■ 42.8413, 28.2158,
3.1882

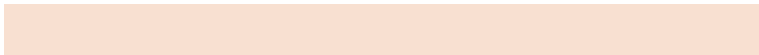
Harmonies

Analogous

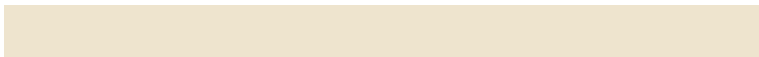
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0638, 77.8712, 76.7415



76.8757, 77.8712, 71.3005



73.9690, 77.8712, 69.4166

Triad

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



76.8757, 77.8712, 71.3005



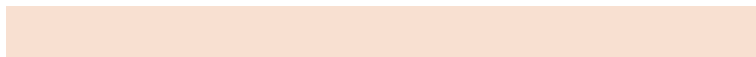
68.4318, 77.8712, 84.9180



76.9560, 77.8712, 99.7342

Complementary

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



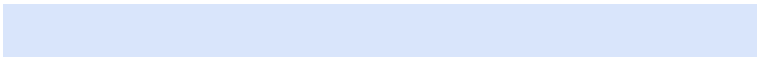
76.8757, 77.8712, 71.3005



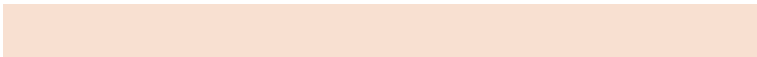
72.3764, 78.6089, 100.1661

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.



74.0595, 77.8712, 102.2771



76.8757, 77.8712, 71.3005



69.1844, 77.8712, 93.3792

Square

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



76.8757, 77.8712, 71.3005



69.1412, 77.8712, 76.9516



71.2247, 77.8712, 99.8785



79.1110, 77.8712, 93.1402

Rectangle

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



76.8757, 77.8712, 71.3005



72.0303, 77.8712, 70.3253



71.2247, 77.8712, 99.8785



76.0343, 77.8712, 101.1101

Sweetspot

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



76.8778, 77.8747, 71.3021



90.6129, 94.3024, 97.6278



76.2279, 71.4445, 86.9017



19.2655, 20.0176, 20.5700



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.



76.8778, 77.8747, 71.3021



79.4242, 79.6964, 69.9403



82.4063, 88.9316, 73.1450



17.7921, 18.3200, 18.0608



23.2682, 15.4930, 1.7641



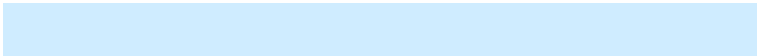
2.2541, 1.6331, 0.1964

Inverse Universe

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



72.3764, 78.6089, 100.1661



73.7557, 80.6189, 106.2814



67.1717, 68.1994, 98.4312



17.1723, 18.4214, 22.0359



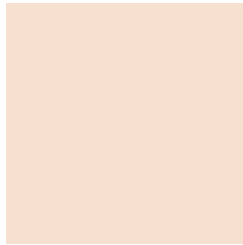
15.4098, 16.1752, 50.2835



1.5298, 1.7033, 4.6913

Previews

White Background



This preview shows how the XYZ color 76.8757, 77.8712, 71.3005 looks on a white background.

Color Contrast Check

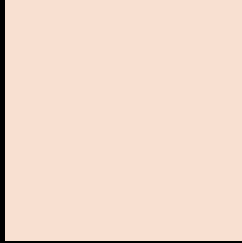
Large Text (above 18pt) WCAG AA × Fail

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 76.8757, 77.8712, 71.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

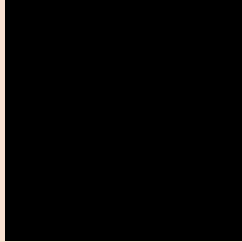
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8757, 77.8712, 71.3005

Background



This preview shows how black text looks on a background with the XYZ color 76.8757, 77.8712, 71.3005.

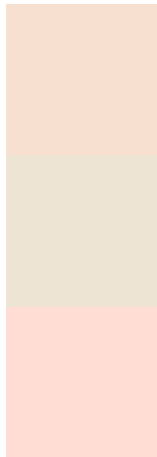


This preview shows how white text looks on a background with the XYZ color 76.8757, 77.8712,

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

76.8757, 77.8712, 71.3005

Protanopia

74.4263, 78.1945, 72.7984

Deuteranopia

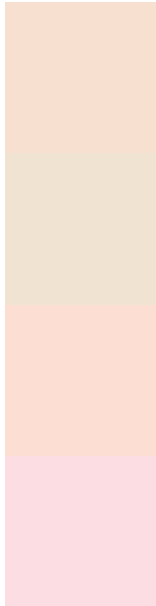
78.9801, 77.7264, 73.1273



Tritanopia

81.0241, 77.9963, 90.9051

Trichromacy



Original Color

76.8757, 77.8712, 71.3005

Protanomaly

75.3776, 78.2921, 72.1118

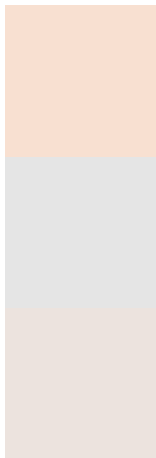
Deuteranomaly

78.0240, 77.6411, 72.5019

Tritanomaly

79.5052, 77.7682, 83.4934

Monochromacy



Original Color

76.8757, 77.8712, 71.3005

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2460, 78.0450, 80.2055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8757, 77.8712, 71.3005 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(248, 224, 209) looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 209)  
}
```

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(248, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 209) }
```

Border

The CSS property to change the border of an element to XYZ 76.8757, 77.8712, 71.3005 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(248, 224, 209) }
```


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

```
.border{ border-color:rgb(248, 224, 209) }
```

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

Here you see how a box with a 4 pixel rgb(248, 224, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8757, 77.8712, 71.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 209) }
```

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

```
.background{ background-color: rgb(248,  
224, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor