

Converting Colors

XYZ(78.8401, 76.3818, 78.1489)

Have a look what the booklet for
XYZ(78.8401, 76.3818, 78.1489)
contains.

XYZ(78.8627, 76.3809, 78.2966)	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(78.8627, 76.3809,
78.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDADC
RGB	254, 218, 220
RGB Percent	100%, 85%, 86%
CMY	0.0039, 0.1451, 0.1372
CMYK	0.00, 0.14, 0.13, 0.00
HSL	357°, 95%, 93%
HSV	357°, 14%, 100%
XYZ	78.8627, 76.3809, 78.2966
YIQ	228.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

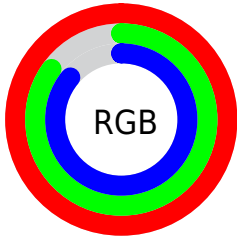
Format	Color
R _Y B	254, 218, 220
Decimal	16702172
CIE Lab	90.04, 12.79, 3.64
CIE LCh	90, 13.294, 15.890
Yxy	76.3809, 0.3377, 0.3271
Android (android.graphics.Color)	4294892252 (0xFF FEDADC)
YUV	228.9920, -4.4331, 21.9320
Hunter-Lab	87.3962, 8.1278, 8.0605

Details

The XYZ color **78.8627, 76.3809, 78.2966** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9289, 92.8192, 105.6978**, and the grayscale version is **74.4929, 78.3723, 85.3475**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9147, 40.7813, 41.2070** is the 20% darker color. If you saturate the color by 10%, you get **69.8212, 63.0229, 60.7149**, and if you desaturate by 10%, it is **89.3738, 91.9468, 98.6197**.

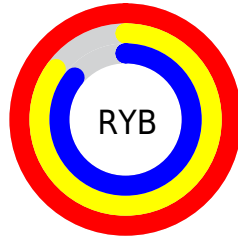
Distribution



Red (100%)

Green (85%)

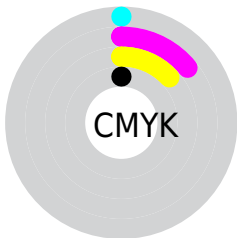
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

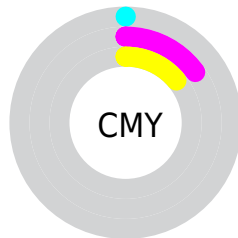


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8627, 76.3809, 78.2966 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 78.8627, 76.3809, 78.2966 by changing the saturation by 10% instead.


 78.8627, 76.3809,
78.2966

 78.8627, 76.3809,
78.2966


479.8868,
482.6506, 508.7281

 59.0882, 56.7449,
57.7998


130.7245,
128.2652, 132.7578

 42.9307, 40.8005,
41.2341


163.5425,
161.2823, 167.5593

 30.0251, 28.1632,
28.1809


201.4390,
199.5285, 207.9660

 20.0058, 18.4487,
18.2219

244.7794,
243.3882, 254.3966

 12.5075, 11.2726,
10.9383

293.9290,
293.2459, 307.2696

 7.1650, 6.2505,
5.9117

349.2532,

 3.6127, 2.9980,

349.4860, 367.0035

2.7236

411.1174,
412.4927, 434.0168

■ 1.4855, 1.1307,
0.9552

■ 0.3159, 0.0040,
0.0000

■ 78.8627, 76.3809,
78.2966

■ 78.8627, 76.3809,
78.2966

■ 69.8212, 63.0229,
60.7149

■ 89.3738, 91.9468,
98.6197

■ 62.1779, 51.7631,
45.7527

94.6834, 99.8110,
108.8828

■ 55.8648, 42.4982,
33.2862

■ 50.8059, 35.1116,
23.1794

■ 46.9172, 29.4750,
15.2836

■ 44.1049, 25.4440,
9.4332

■ 42.2603, 22.8509,
5.4390

■ 41.2519, 21.4913,
3.0768

■ 40.9532, 21.1029,
2.3332

Harmonies

Analogous

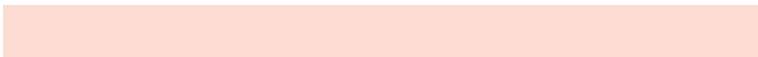
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9166, 76.3809, 87.6675



78.8627, 76.3809, 78.2966



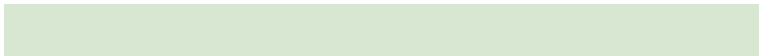
77.0970, 76.3809, 70.8074

Triad

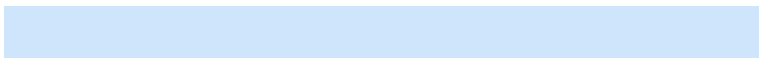
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8627, 76.3809, 78.2966



68.1435, 76.3809, 71.1661



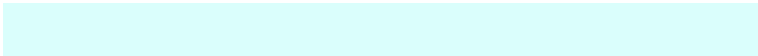
71.0643, 76.3809, 102.0314

Complementary

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



78.8627, 76.3809, 78.2966



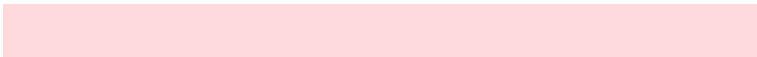
81.9289, 92.8192, 105.6978

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.



68.2771, 76.3809, 96.8846



78.8627, 76.3809, 78.2966



66.6256, 76.3809, 78.8209

Square

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



78.8627, 76.3809, 78.2966



70.8770, 76.3809, 66.9082



66.6737, 76.3809, 88.2328



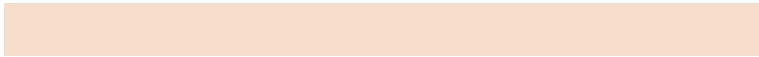
74.3461, 76.3809, 101.8643

Rectangle

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



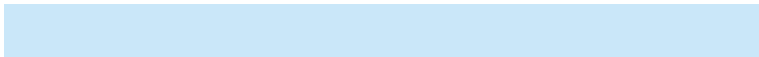
78.8627, 76.3809, 78.2966



75.2164, 76.3809, 67.6805



66.6737, 76.3809, 88.2328



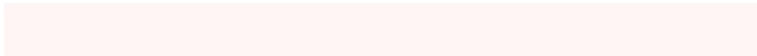
70.0406, 76.3809, 100.8495

Sweetspot

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



78.8648, 76.3843, 78.2982



90.3692, 93.0588, 99.8782



82.9631, 77.9228, 104.4347



19.1602, 19.6479, 21.0259



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

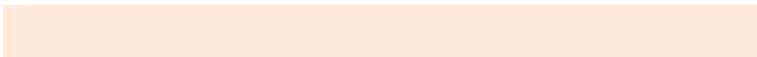
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8648, 76.3843, 78.2982



76.8405, 73.0299, 73.7003



82.8392, 84.7536, 78.3268



18.0502, 18.0034, 18.8815



21.6069, 11.1321, 1.3146



2.1175, 1.0894, 0.2002

Inverse Universe

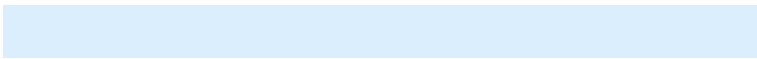
The Inverse Universe completely reimagines the original color for something new.



78.8648, 76.3843, 78.2982



76.8405, 73.0299, 73.7003



77.4968, 83.4463, 105.7890



18.0502, 18.0034, 18.8815



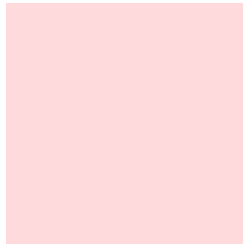
21.6069, 11.1321, 1.3146



2.1175, 1.0894, 0.2002

Previews

White Background



This preview shows how the XYZ color 78.8627, 76.3809, 78.2966 looks on a white background.

Color Contrast Check

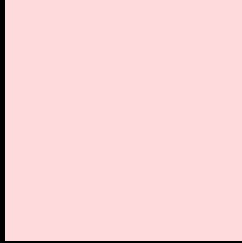
Large Text (above 18pt) WCAG AA × Fail

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 78.8627, 76.3809, 78.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

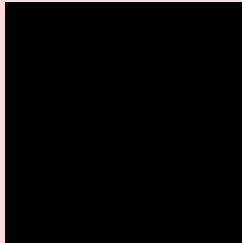
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8627, 76.3809, 78.2966

Background



This preview shows how black text looks on a background with the XYZ color 78.8627, 76.3809, 78.2966.



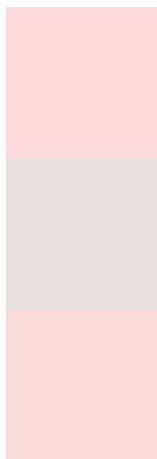
This preview shows how white text looks on a background with the XYZ color 78.8627, 76.3809,

78.2966.

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

78.8627, 76.3809, 78.2966

Protanopia

73.6059, 76.7635, 81.4584

Deuteranopia

78.0334, 76.3396, 78.3324



Tritanopia

80.5038, 76.2549, 87.5665

Trichromacy



Original Color

78.8627, 76.3809, 78.2966

Protanomaly

75.3036, 76.4538, 80.6002

Deuteranomaly

78.3947, 76.5258, 78.3493

Tritanomaly

80.0564, 76.4871, 83.9429

Monochromacy



Original Color

78.8627, 76.3809, 78.2966

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.9126, 77.5186, 82.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8627, 76.3809, 78.2966 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(254, 218, 220) looks like.

```
.text, #text, p{  
    color:rgb(254, 218, 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(254, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 218, 220) }
```

Border

The CSS property to change the border of an element to XYZ 78.8627, 76.3809, 78.2966 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(254, 218, 220) }
```


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

```
.border{ border-color:rgb(254, 218, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 218,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8627, 76.3809, 78.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 218, 220) }
```

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

```
.background{ background-color: rgb(254,  
218, 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](#).

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