

Converting Colors

XYZ(78.6828, 76.3364, 75.4803)

Have a look what the booklet for
XYZ(78.6828, 76.3364, 75.4803)
contains.

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Color

**XYZ(78.7061, 76.3607,
75.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD8
RGB	255, 218, 216
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1451, 0.1529
CMYK	0.00, 0.15, 0.15, 0.00
HSL	3°, 100%, 92%
HSV	3°, 15%, 100%
XYZ	78.7061, 76.3607, 75.5566
YIQ	228.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

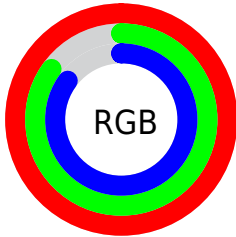
Format	Color
R _Y B	255, 218, 216
Decimal	16767704
CIE Lab	90.03, 12.52, 5.74
CIE LCh	90, 13.768, 24.633
Yxy	76.3607, 0.3413, 0.3311
Android (android.graphics.Color)	4294957784 (0xFFFFDAD8)
YUV	228.8350, -6.3277, 22.9467
Hunter-Lab	87.3846, 7.8494, 9.9045

Details

The XYZ color **78.7061, 76.3607, 75.5566** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4932, 92.0668, 108.0833**, and the grayscale version is **74.3898, 78.2639, 85.2294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8189, 40.7734, 39.3315** is the 20% darker color. If you saturate the color by 10%, you get **69.8403, 63.5018, 57.5792**, and if you desaturate by 10%, it is **89.0026, 91.2616, 96.5368**.

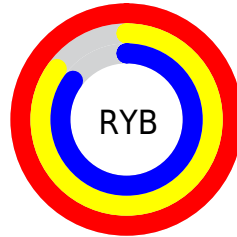
Distribution



Red (100%)

Green (85%)

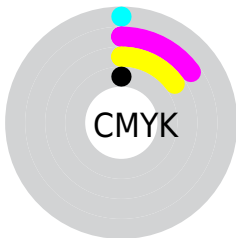
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)

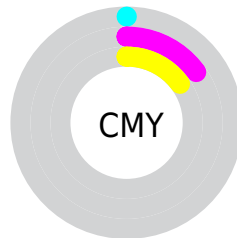


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7061, 76.3607, 75.5566 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 78.7061, 76.3607, 75.5566 by changing the saturation by 10% instead.


 78.7061, 76.3607,
75.5566

 78.7061, 76.3607,
75.5566


479.3647,
482.5815, 499.1349

 58.9590, 56.7283,
55.5645


130.5051,
128.2366, 128.8543

 42.8264, 40.7872,
39.4522


163.2878,
161.2490, 162.9970

 29.9428, 28.1528,
26.8012


201.1463,
199.4902, 202.6936

 19.9430, 18.4409,
17.1928

244.4461,
243.3445, 248.3627

 12.4617, 11.2670,
10.2087

293.5525,
293.1964, 300.4229

 7.1333, 6.2467,
5.4301

348.8308,

 3.5927, 2.9957,

349.4303, 359.2926

2.4387

410.6464,
412.4305, 425.3904

■ 1.4744, 1.1295,
0.8074

■ 0.3083, 0.0029,
0.0000

■ 78.7061, 76.3607,
75.5566

■ 78.7061, 76.3607,
75.5566

■ 69.8403, 63.5018,
57.5792

■ 89.0026, 91.2616,
96.5368

■ 62.3367, 52.5867,
42.4628

95.0500, 100.0000,
108.9000

■ 56.1295, 43.5238,
30.0613

■ 51.1450, 36.2103,
20.2137

■ 47.3025, 30.5334,
12.7422

■ 44.5113, 26.3670,
7.4462

■ 42.6669, 23.5668,
4.0919

■ 41.6432, 21.9603,
2.3918

■ 41.3853, 21.5506,
1.9784

Harmonies

Analogous

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



79.3074, 76.3607, 84.9133



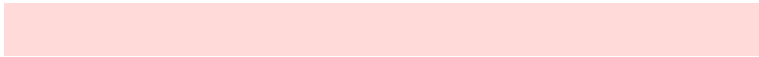
78.7061, 76.3607, 75.5566



76.4420, 76.3607, 68.7456

Triad

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



78.7061, 76.3607, 75.5566



67.3597, 76.3607, 72.7372



71.9668, 76.3607, 103.2857

Complementary

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



78.7061, 76.3607, 75.5566



81.4932, 92.0668, 108.0833

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.



68.8476, 76.3607, 99.4239



78.7061, 76.3607, 75.5566



66.2415, 76.3607, 81.3991

Square

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



78.7061, 76.3607, 75.5566



69.8786, 76.3607, 67.2094



66.7776, 76.3607, 91.2227



75.3472, 76.3607, 101.4166

Rectangle

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



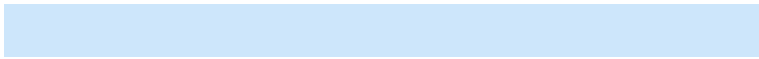
78.7061, 76.3607, 75.5566



74.3308, 76.3607, 66.3126



66.7776, 76.3607, 91.2227



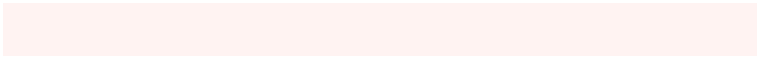
70.8541, 76.3607, 102.6063

Sweetspot

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



78.7079, 76.3640, 75.5582



89.3269, 91.7304, 97.1991



83.5339, 77.4676, 103.5204



18.9539, 19.3945, 20.4661



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

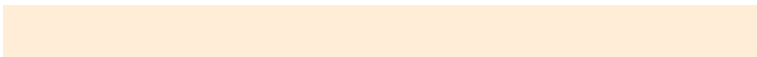
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7079, 76.3640, 75.5582



76.1696, 72.6855, 70.4017



84.0497, 87.0477, 77.3388



18.0843, 18.1367, 18.6919



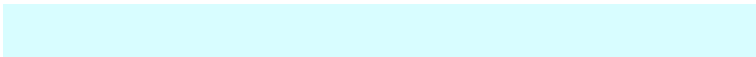
21.6555, 11.3222, 1.0440



2.1337, 1.1528, 0.1100

Inverse Universe

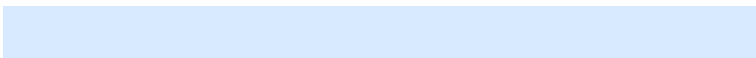
The Inverse Universe completely reimagines the original color for something new.



81.4932, 92.0668, 108.0833



79.3847, 90.8138, 107.9525



75.6645, 80.4094, 106.1404



18.4702, 20.3119, 23.1971



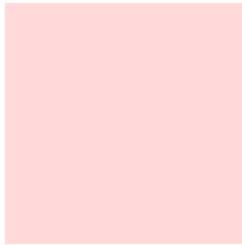
26.0408, 36.9912, 55.2021



2.5591, 3.6488, 5.3827

Previews

White Background



This preview shows how the XYZ color 78.7061, 76.3607, 75.5566 looks on a white background.

Color Contrast Check

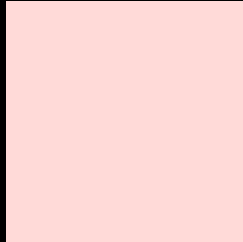
Large Text (above 18pt) WCAG AA × Fail

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 78.7061, 76.3607, 75.5566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

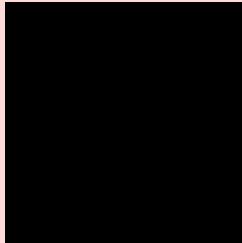
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7061, 76.3607, 75.5566

Background



This preview shows how black text looks on a background with the XYZ color 78.7061, 76.3607, 75.5566.



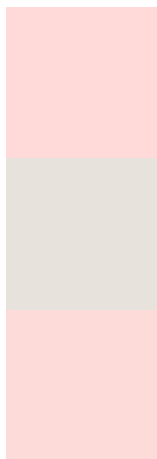
This preview shows how white text looks on a background with the XYZ color 78.7061, 76.3607,

75.5566.

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

78.7061, 76.3607, 75.5566

Protanopia

73.3933, 76.7158, 78.6495

Deuteranopia

78.2342, 76.5036, 75.6090



Tritanopia

80.3614, 76.1979, 86.8161

Trichromacy



Original Color

78.7061, 76.3607, 75.5566

Protanomaly

75.1090, 76.4151, 77.8087

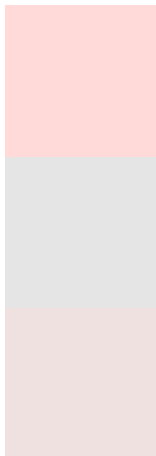
Deuteranomaly

78.5992, 76.6917, 75.6261

Tritanomaly

79.7803, 76.3767, 82.4888

Monochromacy



Original Color

78.7061, 76.3607, 75.5566

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6397, 77.4094, 81.4759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7061, 76.3607, 75.5566 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(255, 218, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 216)  
}
```

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(255, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 216) }
```

Border

The CSS property to change the border of an element to XYZ 78.7061, 76.3607, 75.5566 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(255, 218, 216) }
```


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

```
.border{ border-color:rgb(255, 218, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7061, 76.3607, 75.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 216) }
```

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

```
.background{ background-color: rgb(255,  
218, 216) }
```

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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