

Converting Colors

XYZ(77.8617, 76.7445, 78.8648)

Have a look what the booklet for
XYZ(77.8617, 76.7445, 78.8648)
contains.

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Color

**XYZ(77.7113, 76.5466,
79.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DCDD
RGB	249, 220, 221
RGB Percent	98%, 86%, 87%
CMY	0.0235, 0.1372, 0.1333
CMYK	0.00, 0.12, 0.11, 0.02
HSL	358°, 71%, 92%
HSV	358°, 12%, 98%
XYZ	77.7113, 76.5466, 79.0858
YIQ	228.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

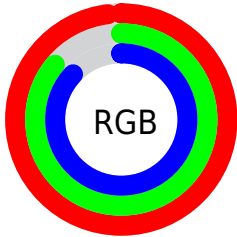
Format	Color
R _Y B	249, 220, 221
Decimal	16375005
CIE Lab	90.11, 10.16, 3.17
CIE LCh	90, 10.642, 17.342
Yxy	76.5466, 0.3330, 0.3280
Android (android.graphics.Color)	4294565085 (0xFFF9DCDD)
YUV	228.7850, -3.8380, 17.7286
Hunter-Lab	87.4909, 5.4384, 7.6495

Details

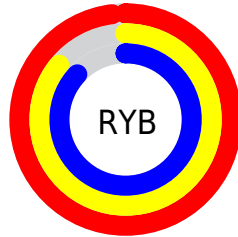
The XYZ color **77.7113, 76.5466, 79.0858** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3371, 89.7463, 101.8999**, and the grayscale version is **74.3385, 78.2099, 85.1706**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0763, 40.8699, 41.7474** is the 20% darker color. If you saturate the color by 10%, you get **68.6792, 63.2468, 61.3853**, and if you desaturate by 10%, it is **88.1799, 91.9833, 99.5305**.

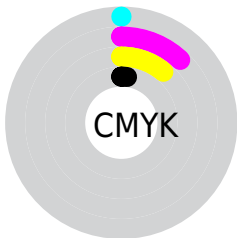
Distribution



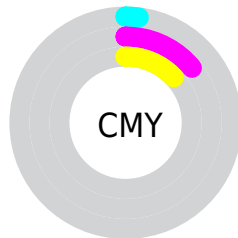
- Red (98%)
- Green (86%)
- Blue (87%)



- Red (98%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7113, 76.5466, 79.0858 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 77.7113, 76.5466, 79.0858 by changing the saturation by 10% instead.

77.7113, 76.5466,
79.0858

77.7113, 76.5466,
79.0858

476.0406,
483.2168, 511.4718

58.1388, 56.8808,
58.4446

129.1106,
128.4993, 133.8794

42.1639, 40.9096,
41.7491

161.6681,
161.5549, 168.8689

29.4214, 28.2484,
28.5808

199.2847,
199.8427, 209.4783

19.5457, 18.5130,
18.5211

242.3256,
243.7470, 256.1260

12.1716, 11.3189,
11.1515

291.1563,
293.6521, 309.2307

6.9337, 6.2818,
6.0533

346.1422,

3.4666, 3.0172,

349.9425, 369.2109

2.8082

407.6485,
413.0026, 436.4851

■ 1.4051, 1.1407,
0.9976

■ 0.2598, 0.0125,
0.0000

■ 77.7113, 76.5466,
79.0858

■ 77.7113, 76.5466,
79.0858

■ 68.6792, 63.2468,
61.3853

■ 88.1799, 91.9833,
99.5305

■ 61.0149, 51.9803,
46.3077

■ 92.8773, 98.8799,
108.7983

■ 54.6536, 42.6499,
33.7296

■ 49.5229, 35.1467,
23.5161

■ 45.5432, 29.3509,
15.5195

■ 42.6256, 25.1284,
9.5752

■ 40.6682, 22.3251,
5.4962

■ 39.5493, 20.7561,
3.0611

■ 39.1142, 20.1587,
2.0750

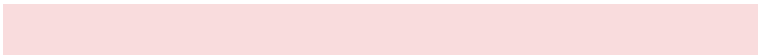
Harmonies

Analogous

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



77.8236, 76.5466, 86.5742



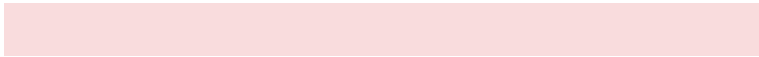
77.7113, 76.5466, 79.0858



76.2511, 76.5466, 73.1013

Triad

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



77.7113, 76.5466, 79.0858



69.0841, 76.5466, 73.8740



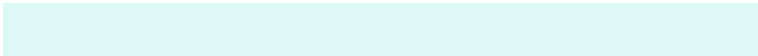
71.6480, 76.5466, 98.3576

Complementary

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



77.7113, 76.5466, 79.0858



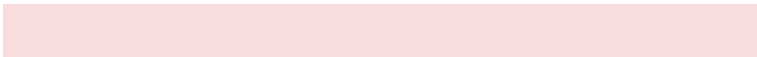
80.3371, 89.7463, 101.8999

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.



69.3679, 76.5466, 94.5062



77.7113, 76.5466, 79.0858



67.9119, 76.5466, 80.1995

Square

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



77.7113, 76.5466, 79.0858



71.2520, 76.5466, 70.2197



68.0145, 76.5466, 87.7570



74.2795, 76.5466, 98.0145

Rectangle

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



77.7113, 76.5466, 79.0858



74.7292, 76.5466, 70.6321



68.0145, 76.5466, 87.7570



70.8163, 76.5466, 97.5013

Sweetspot

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



77.7134, 76.5500, 79.0874



91.4911, 94.7491, 101.9585



81.2463, 77.9037, 100.3782



19.3844, 19.9875, 21.4360



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

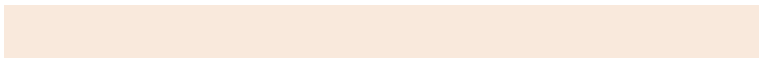
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7134, 76.5500, 79.0874



79.6379, 77.2749, 78.7941



81.1405, 83.6158, 79.5772



17.2688, 17.2349, 18.0051



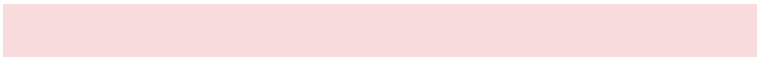
20.9474, 10.7947, 1.1656



1.9483, 1.0031, 0.1513

Inverse Universe

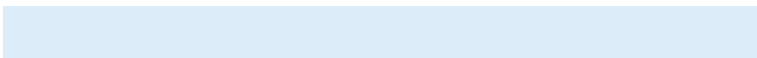
The Inverse Universe completely reimagines the original color for something new.



77.7134, 76.5500, 79.0874



79.6379, 77.2749, 78.7941



76.5981, 82.0202, 101.4178



17.2688, 17.2349, 18.0051



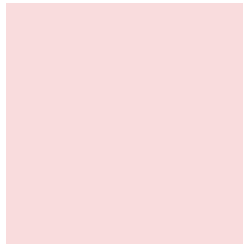
20.9474, 10.7947, 1.1656



1.9483, 1.0031, 0.1513

Previews

White Background



This preview shows how the XYZ color 77.7113, 76.5466, 79.0858 looks on a white background.

Color Contrast Check

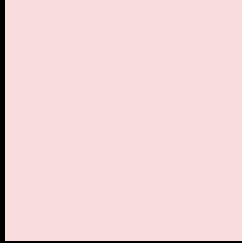
Large Text (above 18pt) WCAG AA × Fail

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 77.7113, 76.5466, 79.0858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

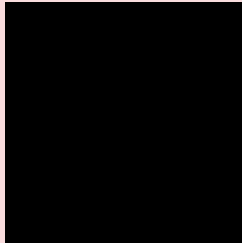
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7113, 76.5466, 79.0858

Background



This preview shows how black text looks on a background with the XYZ color 77.7113, 76.5466, 79.0858.



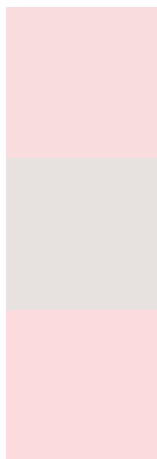
This preview shows how white text looks on a background with the XYZ color 77.7113, 76.5466,

79.0858.

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

77.7113, 76.5466, 79.0858

Protanopia

73.6059, 76.7635, 81.4584

Deuteranopia

78.1663, 76.3927, 79.0321



Tritanopia

79.8505, 76.6502, 89.1837

Trichromacy



Original Color

77.7113, 76.5466, 79.0858

Protanomaly

75.2348, 76.8162, 80.6737

Deuteranomaly

77.8070, 76.2075, 79.0153

Tritanomaly

79.0388, 76.7002, 85.5017

Monochromacy



Original Color

77.7113, 76.5466, 79.0858

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5159, 77.7166, 82.9722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7113, 76.5466, 79.0858 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(249, 220, 221) looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 221)  
}
```

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(249, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 221) }
```

Border

The CSS property to change the border of an element to XYZ 77.7113, 76.5466, 79.0858 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(249, 220, 221) }
```


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

```
.border{ border-color:rgb(249, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7113, 76.5466, 79.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 221) }
```

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

```
.background{ background-color: rgb(249,  
220, 221) }
```

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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