

Converting Colors

XYZ(75.9512, 75.9640, 72.9816)

Have a look what the booklet for XYZ(75.9512, 75.9640, 72.9816) contains.

XYZ(75.8346, 75.7140, 72.9047) 3

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Color

**XYZ(75.8346, 75.7140,
72.9047)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCD4
RGB	247, 220, 212
RGB Percent	97%, 86%, 83%
CMY	0.0314, 0.1372, 0.1686
CMYK	0.00, 0.11, 0.14, 0.03
HSL	14°, 69%, 90%
HSV	14°, 14%, 97%
XYZ	75.8346, 75.7140, 72.9047
YIQ	227.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

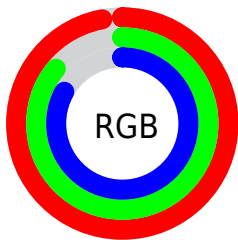
Format	Color
R _Y B	247, 222, 212
Decimal	16243924
CIE Lab	89.73, 8.03, 7.32
CIE LCh	90, 10.863, 42.348
Yxy	75.7140, 0.3379, 0.3373
Android (android.graphics.Color)	4294434004 (0xFFFF7DCD4)
YUV	227.1610, -7.4744, 17.3988
Hunter-Lab	87.0138, 3.2929, 11.2334

Details

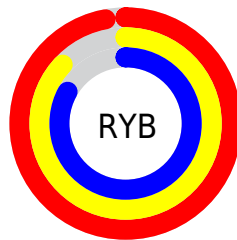
The XYZ color **75.8346, 75.7140, 72.9047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8059, 82.4436, 99.9668**, and the grayscale version is **73.1757, 76.9865, 83.8383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7761, 40.2917, 37.5262** is the 20% darker color. If you saturate the color by 10%, you get **68.2361, 65.1273, 56.1575**, and if you desaturate by 10%, it is **84.4838, 87.6377, 92.3554**.

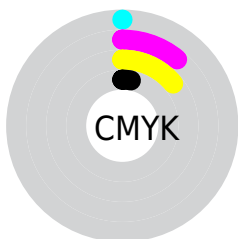
Distribution



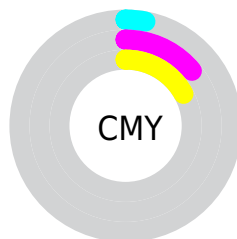
- Red (97%)
- Green (86%)
- Blue (83%)



- Red (97%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8346, 75.7140, 72.9047 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 75.8346, 75.7140, 72.9047 by changing the saturation by 10% instead.


 75.8346, 75.7140,
72.9047

 75.8346, 75.7140,
72.9047


469.7344,
480.3681, 489.7464

 56.5935, 56.1980,
53.4067


126.4747,
127.3225, 125.0616

 40.9178, 40.3617,
37.7376


158.6043,
160.1839, 158.5575

 28.4423, 27.8207,
25.4788

195.7609,
198.2625, 197.5565

 18.8015, 18.1905,
16.2119

238.3097,
241.9428, 242.4771

 11.6301, 11.0869,
9.5182

286.6161,
291.6091, 293.7379

 6.5627, 6.1253,
4.9793

341.0454,

 3.2340, 2.9214,

347.6458, 351.7573

2.1766

401.9631,
410.4373, 416.9540

■ 1.2787, 1.0908,
0.6608

■ 0.1672, 0.0000,
0.0000

■ 75.8346, 75.7140,
72.9047

■ 75.8346, 75.7140,
72.9047

■ 68.2361, 65.1273,
56.1575

■ 84.4838, 87.6377,
92.3554

■ 61.6415, 55.8208,
41.9890

■ 92.1681, 98.5143,
108.7651

■ 56.0094, 47.7485,
30.2717

■ 51.2932, 40.8575,
20.8651

■ 47.4424, 35.0913,
13.6146

■ 44.4009, 30.3884,
8.3462

■ 42.1057, 26.6810,
4.8590

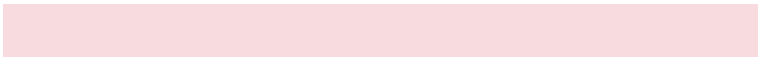
■ 40.4829, 23.8927,
2.9080

■ 39.7961, 22.6503,
2.2745

Harmonies

Analogous

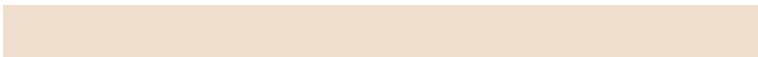
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1089, 75.7140, 79.3278



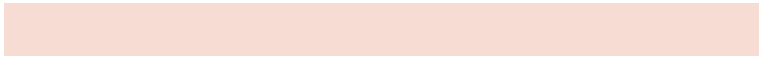
75.8346, 75.7140, 72.9047



73.5356, 75.7140, 69.1778

Triad

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



75.8346, 75.7140, 72.9047



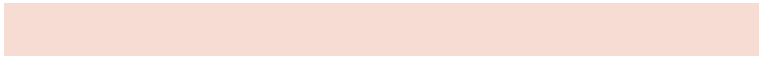
67.1706, 75.7140, 78.0509



73.0700, 75.7140, 97.6913

Complementary

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



75.8346, 75.7140, 72.9047



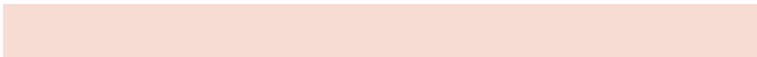
74.8059, 82.4436, 99.9668

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.



70.4147, 75.7140, 97.2966



75.8346, 75.7140, 72.9047



67.0529, 75.7140, 85.6319

Square

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



75.8346, 75.7140, 72.9047



68.5526, 75.7140, 72.0199



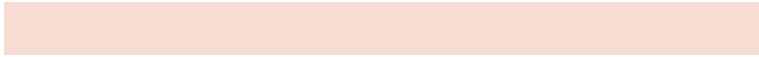
68.2272, 75.7140, 92.7717



75.4865, 75.7140, 93.8189

Rectangle

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



75.8346, 75.7140, 72.9047



71.7532, 75.7140, 68.5733



68.2272, 75.7140, 92.7717



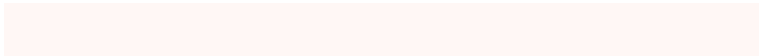
72.1750, 75.7140, 98.0597

Sweetspot

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



75.8367, 75.7174, 72.9063



90.9923, 94.4431, 99.6597



77.5437, 73.1188, 92.0116



19.3173, 19.9967, 20.9710



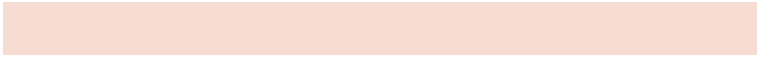
0.0000, 0.0000, 0.0000



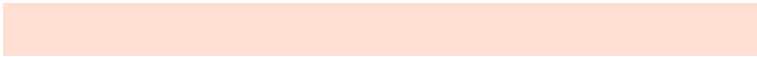
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8367, 75.7174, 72.9063



79.0852, 78.0072, 72.9448



80.5505, 85.1451, 74.4776



16.8066, 17.0973, 17.2119



21.1346, 12.1547, 1.2322



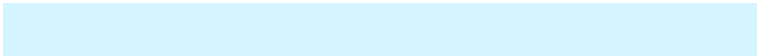
1.9322, 1.2177, 0.1332

Inverse Universe

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



74.8059, 82.4436, 99.9668



77.7790, 86.5218, 107.2087



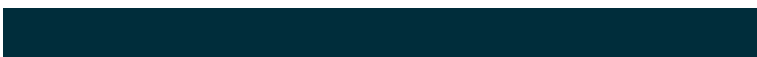
70.0400, 72.9118, 98.3782



16.6566, 18.0774, 21.1540



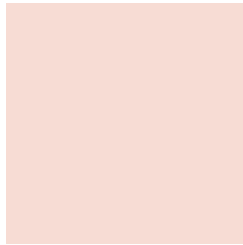
18.7882, 23.3702, 50.0587



1.7278, 2.2070, 4.4252

Previews

White Background



This preview shows how the XYZ color 75.8346, 75.7140, 72.9047 looks on a white background.

Color Contrast Check

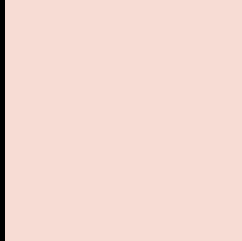
Large Text (above 18pt) WCAG AA × Fail

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 75.8346, 75.7140, 72.9047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

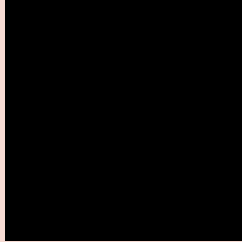
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8346, 75.7140, 72.9047

Background



This preview shows how black text looks on a background with the XYZ color 75.8346, 75.7140, 72.9047.

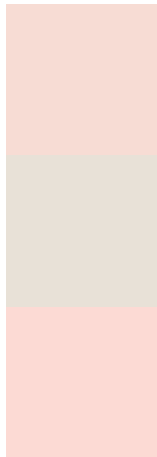


This preview shows how white text looks on a background with the XYZ color 75.8346, 75.7140,

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

75.8346, 75.7140, 72.9047

Protanopia

72.4697, 75.9125, 75.1230

Deuteranopia

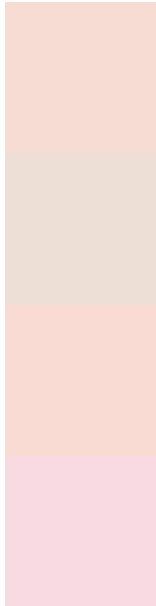
77.1000, 75.5917, 72.8144



Tritanopia

79.0885, 75.8902, 88.3218

Trichromacy



Original Color

75.8346, 75.7140, 72.9047

Protanomaly

73.4503, 75.6349, 74.3461

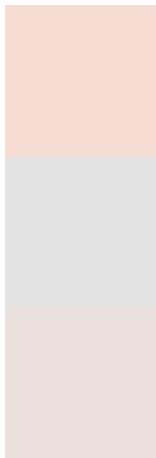
Deuteranomaly

76.6395, 75.7405, 72.8674

Tritanomaly

77.8658, 75.7735, 82.4733

Monochromacy



Original Color

75.8346, 75.7140, 72.9047

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7722, 76.0777, 79.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8346, 75.7140, 72.9047 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(247, 220, 212)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 212)  
}
```

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(247, 220, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.8346, 75.7140, 72.9047 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(247, 220, 212) }
```


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

```
.border{ border-color:rgb(247, 220, 212) }
```

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

Here you see how a box with a 4 pixel rgb(247, 220, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8346, 75.7140, 72.9047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 212) }
```

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

```
.background{ background-color: rgb(247,  
220, 212) }
```

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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