

Converting Colors

XYZ(75.9071, 75.4062, 70.8757)

Have a look what the booklet for
XYZ(75.9071, 75.4062, 70.8757)
contains.

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Color

**XYZ(75.9071, 75.4062,
70.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DBD1
RGB	249, 219, 209
RGB Percent	98%, 86%, 82%
CMY	0.0235, 0.1412, 0.1804
CMYK	0.00, 0.12, 0.16, 0.02
HSL	15°, 77%, 90%
HSV	15°, 16%, 98%
XYZ	75.9071, 75.4062, 70.8757
YIQ	226.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

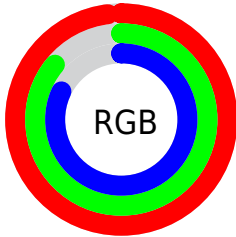
Format	Color
R _Y B	249, 222, 209
Decimal	16374737
CIE Lab	89.58, 8.79, 8.71
CIE LCh	90, 12.377, 44.720
Yxy	75.4062, 0.3416, 0.3394
Android (android.graphics.Color)	4294564817 (0xFFF9DBD1)
YUV	226.8300, -8.7902, 19.4431
Hunter-Lab	86.8367, 4.0689, 12.3935

Details

The XYZ color **75.9071, 75.4062, 70.8757** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2595, 82.1262, 101.5614**, and the grayscale version is **72.9430, 76.7417, 83.5717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9301, 40.1239, 36.5978** is the 20% darker color. If you saturate the color by 10%, you get **68.4613, 65.0681, 54.3543**, and if you desaturate by 10%, it is **84.3854, 87.0366, 90.1200**.

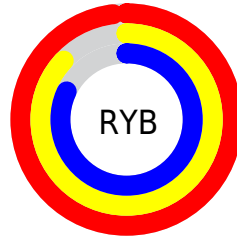
Distribution



Red (98%)

Green (86%)

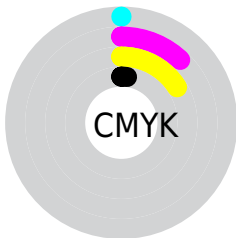
Blue (82%)



Red (98%)

Yellow (87%)

Blue (82%)

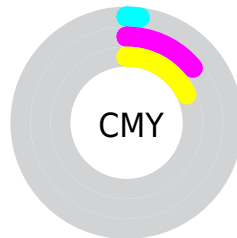


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9071, 75.4062, 70.8757 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 75.9071, 75.4062, 70.8757 by changing the saturation by 10% instead.


 75.9071, 75.4062,
70.8757

 75.9071, 75.4062,
70.8757


469.9789,
479.3126, 482.4907

 56.6531, 55.9457,
51.7596


126.5766,
126.8872, 122.1495

 40.9659, 40.1594,
36.4325


158.7229,
159.6765, 155.1443

 28.4800, 27.6629,
24.4761


195.8973,
197.6775, 193.6023

 18.8301, 18.0717,
15.4717

238.4652,
241.2747, 237.9422

 11.6508, 11.0015,
9.0008

286.7920,
290.8524, 288.5824

 6.5769, 6.0678,
4.6449

341.2429,

 3.2429, 2.8864,

346.7950, 345.9416

1.9854

402.1835,
409.4869, 410.4382

■ 1.2835, 1.0727,
0.5463

■ 0.1708, 0.0000,
0.0000

■ 75.9071, 75.4062,
70.8757

■ 75.9071, 75.4062,
70.8757

■ 68.4613, 65.0681,
54.3543

■ 84.3854, 87.0366,
90.1200

■ 62.0015, 55.9675,
40.4276

■ 92.8773, 98.8799,
108.7983

■ 56.4867, 48.0601,
28.9639

■ 51.8706, 41.2953,
19.8184

■ 48.1027, 35.6189,
12.8306

■ 45.1272, 30.9716,
7.8195

■ 42.8806, 27.2883,
4.5740

■ 41.2879, 24.4953,
2.8334

■ 40.8051, 23.6155,
2.4076

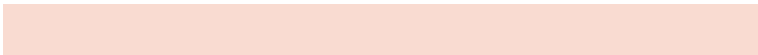
Harmonies

Analogous

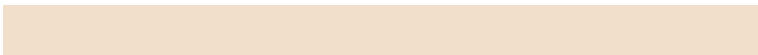
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4769, 75.4062, 77.9225



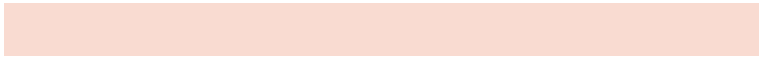
75.9071, 75.4062, 70.8757



73.2235, 75.4062, 66.9863

Triad

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



75.9071, 75.4062, 70.8757



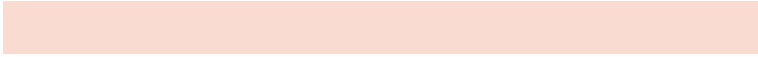
66.1773, 75.4062, 77.7697



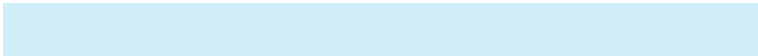
73.1674, 75.4062, 99.3900

Complementary

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



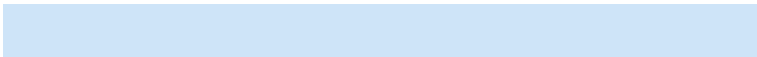
75.9071, 75.4062, 70.8757



74.2595, 82.1262, 101.5614

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.



70.1413, 75.4062, 99.3418



75.9071, 75.4062, 70.8757



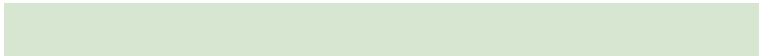
66.1632, 75.4062, 86.4336

Square

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



75.9071, 75.4062, 70.8757



67.6351, 75.4062, 70.7706



67.5961, 75.4062, 94.4608



75.8650, 75.4062, 94.5882

Rectangle

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



75.9071, 75.4062, 70.8757



71.1913, 75.4062, 66.5200



67.5961, 75.4062, 94.4608



72.1535, 75.4062, 99.9508

Sweetspot

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



75.9092, 75.4096, 70.8773



90.0900, 93.2566, 97.4535



77.4483, 71.9737, 91.4726



19.1386, 19.7640, 20.5277



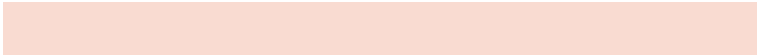
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



75.9092, 75.4096, 70.8773



77.6925, 76.2330, 69.3630



81.4429, 86.4771, 72.7219



17.5973, 17.9304, 17.9958



21.9363, 12.8292, 1.3201



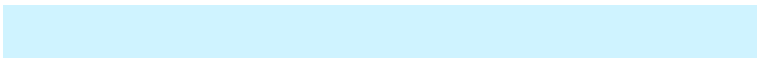
2.1120, 1.3488, 0.1490

Inverse Universe

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



74.2595, 82.1262, 101.5614



75.6719, 84.4513, 106.9201



68.7259, 71.0589, 99.7169



17.3767, 18.8302, 22.1040



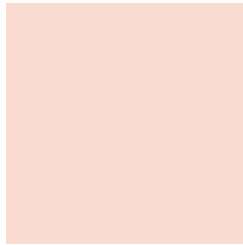
18.7521, 22.8598, 51.3976



1.8205, 2.2847, 4.7882

Previews

White Background



This preview shows how the XYZ color 75.9071, 75.4062, 70.8757 looks on a white background.

Color Contrast Check

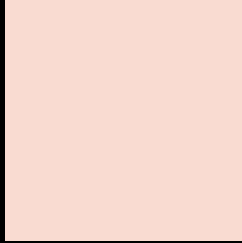
Large Text (above 18pt) WCAG AA × Fail

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 75.9071, 75.4062, 70.8757 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 75.9071, 75.4062, 70.8757

Background



This preview shows how black text looks on a background with the XYZ color 75.9071, 75.4062, 70.8757.



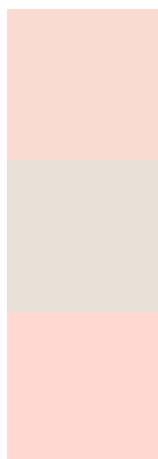
This preview shows how white text looks on a background with the XYZ color 75.9071, 75.4062,

70.8757.

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

75.9071, 75.4062, 70.8757

Protanopia

71.8180, 75.2206, 73.0212

Deuteranopia

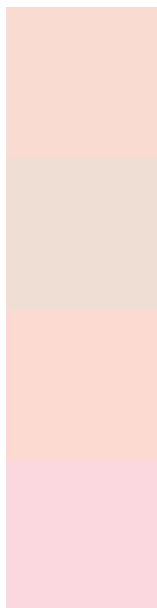
76.8295, 75.1118, 70.7703



Tritanopia

79.0108, 75.1225, 86.6797

Trichromacy



Original Color

75.9071, 75.4062, 70.8757

Protanomaly

73.1390, 75.1228, 72.2733

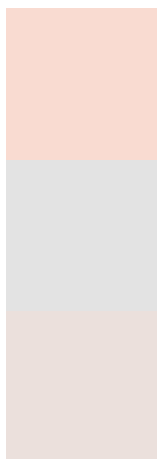
Deuteranomaly

76.7249, 75.4417, 70.8395

Tritanomaly

77.7941, 75.0028, 80.8978

Monochromacy



Original Color

75.9071, 75.4062, 70.8757

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8349, 76.1408, 78.5153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9071, 75.4062, 70.8757 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, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(249, 219, 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(249, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 219, 209) }
```

Border

The CSS property to change the border of an element to XYZ 75.9071, 75.4062, 70.8757 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, 219, 209) }
```


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

```
.border{ border-color:rgb(249, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(249, 219,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9071, 75.4062, 70.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 219, 209) }
```

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

```
.background{ background-color: rgb(249,  
219, 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](#).

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