

Converting Colors

XYZ(74.5877, 74.1348, 64.0625)

Have a look what the booklet for
XYZ(74.5877, 74.1348, 64.0625)
contains.

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Color

**XYZ(74.4302, 74.0269,
63.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD9C6
RGB	250, 217, 198
RGB Percent	98%, 85%, 78%
CMY	0.0196, 0.1490, 0.2235
CMYK	0.00, 0.13, 0.21, 0.02
HSL	22°, 84%, 88%
HSV	22°, 21%, 98%
XYZ	74.4302, 74.0269, 63.7918
YIQ	224.7010, 25.7670, 1.0870

Conversions

Conversions Part 2

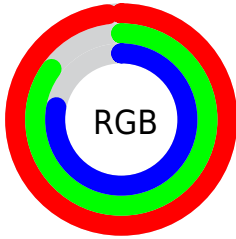
Format	Color
R _Y B	250, 228, 198
Decimal	16439750
CIE Lab	88.94, 8.56, 13.57
CIE LCh	89, 16.044, 57.763
Yxy	74.0269, 0.3507, 0.3488
Android (android.graphics.Color)	4294629830 (0xFF FAD9C6)
YUV	224.7010, -13.1636, 22.1872
Hunter-Lab	86.0389, 3.8481, 16.2678

Details

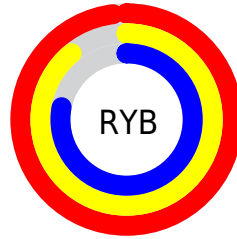
The XYZ color **74.4302, 74.0269, 63.7918** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1193, 76.0577, 101.4805**, and the grayscale version is **71.4335, 75.1536, 81.8423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9467, 39.1917, 31.8449** is the 20% darker color. If you saturate the color by 10%, you get **67.8875, 65.1813, 48.5392**, and if you desaturate by 10%, it is **81.8459, 83.8557, 81.6853**.

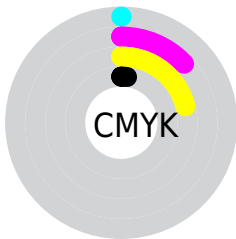
Distribution



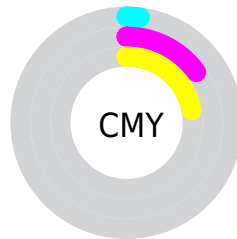
- Red (98%)
- Green (85%)
- Blue (78%)



- Red (98%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4302, 74.0269, 63.7918 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 74.4302, 74.0269, 63.7918 by changing the saturation by 10% instead.


 74.4302, 74.0269,
63.7918

 74.4302, 74.0269,
63.7918


464.9842,
474.5662, 456.6242

 55.4387, 54.8161,
46.0370


124.4977,
124.9339, 111.9076

 39.9883, 39.2545,
31.9261


156.3044,
157.3989, 143.1057

 27.7136, 26.9577,
21.0407


193.1136,
195.0507, 179.6219

 18.2492, 17.5415,
12.9622

235.2907,
238.2738, 221.8748

 11.2298, 10.6213,
7.2721

283.2009,
287.4525, 270.2830

 6.2901, 5.8128,
3.5518

337.2097,

 3.0646, 2.7316,

342.9712, 325.2649

1.3829

397.6823,
405.2143, 387.2391

■ 1.1880, 0.9933,
0.1283

■ 0.0969, 0.0000,
0.0000

■ 74.4302, 74.0269,
63.7918

■ 74.4302, 74.0269,
63.7918

■ 67.8875, 65.1813,
48.5392

■ 81.8459, 83.8557,
81.6853

■ 62.1775, 57.2775,
35.7962

■ 90.1610, 94.6875,
102.3329

■ 57.2654, 50.2855,
25.4272

■ 93.2345, 99.0641,
108.8150

■ 53.1113, 44.1702,
17.2821

■ 49.6713, 38.8935,
11.1928

■ 46.8965, 34.4143,
6.9674

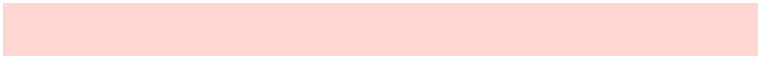
■ 44.7296, 30.6868,
4.3763

■ 43.1973, 27.8697,
3.1026

Harmonies

Analogous

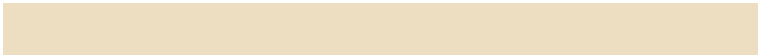
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1957, 74.0269, 71.0212



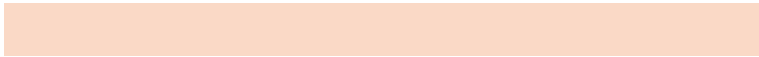
74.4302, 74.0269, 63.7918



70.6530, 74.0269, 61.0188

Triad

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



74.4302, 74.0269, 63.7918



63.1409, 74.0269, 79.7687



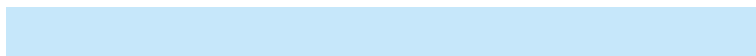
73.9060, 74.0269, 101.1048

Complementary

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



74.4302, 74.0269, 63.7918



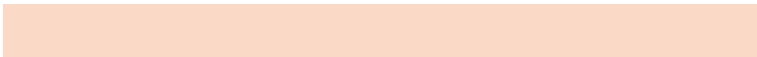
69.1193, 76.0577, 101.4805

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.



70.0685, 74.0269, 103.9837



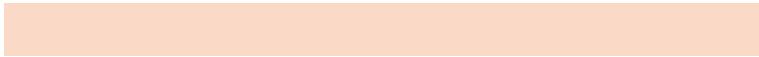
74.4302, 74.0269, 63.7918



63.9409, 74.0269, 91.0094

Square

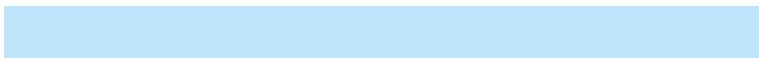
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4302, 74.0269, 63.7918



64.2154, 74.0269, 69.6972



66.4416, 74.0269, 100.1345



76.8853, 74.0269, 92.5903

Rectangle

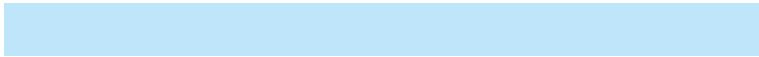
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4302, 74.0269, 63.7918



68.1008, 74.0269, 61.8582



66.4416, 74.0269, 100.1345



72.6694, 74.0269, 102.7962

Sweetspot

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



74.4322, 74.0302, 63.7933



89.6644, 93.0150, 95.4325



74.1562, 66.5279, 85.1284



19.0709, 19.7513, 20.1265



0.0000, 0.0000, 0.0000



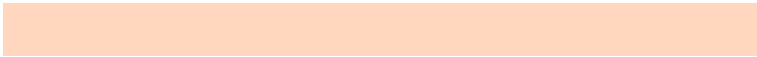
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4322, 74.0302, 63.7933



74.8573, 73.4042, 59.6576



81.4296, 88.0252, 66.1258



17.7640, 18.2639, 18.0514



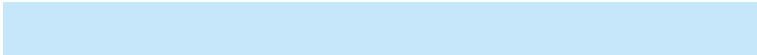
23.0379, 15.0325, 1.6873



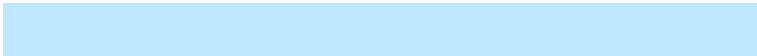
2.2308, 1.5864, 0.1886

Inverse Universe

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



69.1193, 76.0577, 101.4805



68.3712, 75.8737, 105.6493



62.5681, 62.9552, 99.2968



17.2013, 18.4794, 22.0456



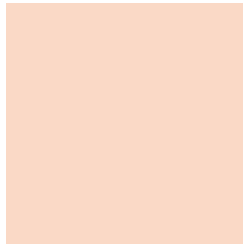
15.8373, 17.0302, 50.4260



1.5677, 1.7792, 4.7040

Previews

White Background



This preview shows how the XYZ color 74.4302, 74.0269, 63.7918 looks on a white background.

Color Contrast Check

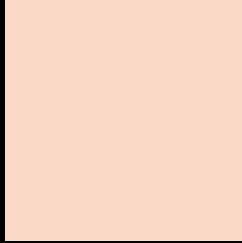
Large Text (above 18pt) WCAG AA × Fail

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 74.4302, 74.0269, 63.7918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

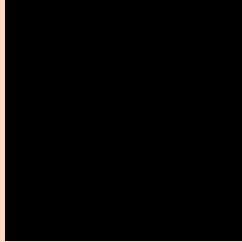
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4302, 74.0269, 63.7918

Background



This preview shows how black text looks on a background with the XYZ color 74.4302, 74.0269, 63.7918.



This preview shows how white text looks on a background with the XYZ color 74.4302, 74.0269,

63.7918.

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

74.4302, 74.0269, 63.7918

Protanopia

70.5346, 74.3160, 65.8852

Deuteranopia

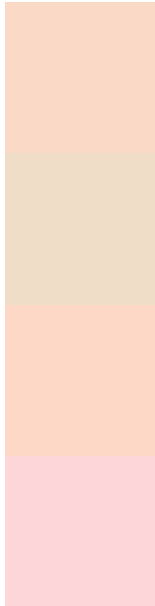
75.3665, 73.7489, 63.6888



Tritanopia

78.5594, 73.8149, 84.2359

Trichromacy



Original Color

74.4302, 74.0269, 63.7918

Protanomaly

71.8784, 74.2338, 65.1837

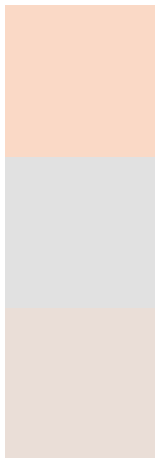
Deuteranomaly

75.2569, 74.0716, 63.7569

Tritanomaly

77.2095, 74.0377, 76.5510

Monochromacy



Original Color

74.4302, 74.0269, 63.7918

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3187, 74.6413, 74.8856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4302, 74.0269, 63.7918 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(250, 217, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 198)  
}
```

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(250, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 198) }
```

Border

The CSS property to change the border of an element to XYZ 74.4302, 74.0269, 63.7918 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(250, 217, 198) }
```


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

```
.border{ border-color:rgb(250, 217, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4302, 74.0269, 63.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 198) }
```

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

```
.background{ background-color: rgb(250,  
217, 198) }
```

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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