

Converting Colors

XYZ(74.2232, 71.9295, 74.7638)

Have a look what the booklet for
XYZ(74.2232, 71.9295, 74.7638)
contains.

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Color

**XYZ(74.2959, 71.8190,
74.9124)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4D8
RGB	247, 212, 216
RGB Percent	97%, 83%, 85%
CMY	0.0314, 0.1686, 0.1529
CMYK	0.00, 0.14, 0.13, 0.03
HSL	353°, 69%, 90%
HSV	353°, 14%, 97%
XYZ	74.2959, 71.8190, 74.9124
YIQ	222.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

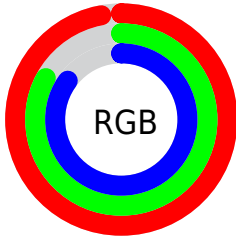
Format	Color
R_{YB}	247, 212, 216
Decimal	16241880
CIE _{Lab}	87.88, 12.82, 2.54
CIE _{LCh}	88, 13.073, 11.226
Yxy	71.8190, 0.3361, 0.3249
Android (android.graphics.Color)	4294431960 (0xFFFF7D4D8)
YUV	222.9210, -3.4121, 21.1173
Hunter-Lab	84.7461, 8.1832, 6.9121

Details

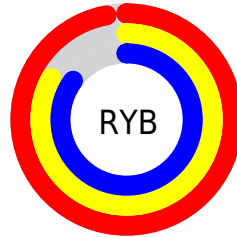
The XYZ color **74.2959, 71.8190, 74.9124** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5926, 86.9914, 97.5524**, and the grayscale version is **70.0986, 73.7492, 80.3128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7252, 37.6343, 38.8886** is the 20% darker color. If you saturate the color by 10%, you get **65.9446, 59.3454, 59.0897**, and if you desaturate by 10%, it is **83.9724, 86.3387, 93.0368**.

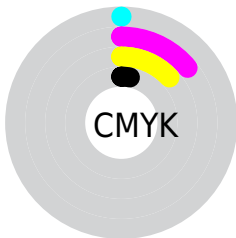
Distribution



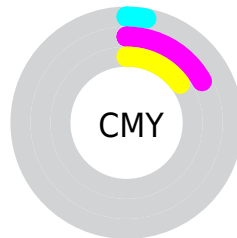
- Red (97%)
- Green (83%)
- Blue (85%)



- Red (97%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2959, 71.8190, 74.9124 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 74.2959, 71.8190, 74.9124 by changing the saturation by 10% instead.


 74.2959, 71.8190,
74.9124

 74.2959, 71.8190,
74.9124

464.5285,
466.9114, 496.8638

 55.3284, 53.0108,
55.0398


124.3084,
121.7992, 127.9343

 39.8996, 37.8114,
39.0348


156.0842,
153.7399, 161.9207

 27.6441, 25.8364,
26.4788


192.8600,
190.8271, 201.4488

 18.1967, 16.7013,
16.9532

235.0013,
233.4449, 246.9372

 11.1918, 10.0217,
10.0395

282.8735,
281.9778, 298.8043

 6.2642, 5.4134,
5.3192

336.8419,

 3.0486, 2.4918,

336.8103, 357.4688

2.3738

397.2718,
398.3267, 423.3491

■ 1.1795, 0.8725,
0.7721

■ 0.0901, 0.0000,
0.0000

■ 74.2959, 71.8190,
74.9124

■ 74.2959, 71.8190,
74.9124

■ 65.9446, 59.3454,
59.0897

■ 83.9724, 86.3387,
93.0368

■ 58.8550, 48.8168,
45.4721

■ 92.1681, 98.5143,
108.7651

■ 52.9672, 40.1379,
33.9628

■ 48.2142, 33.2017,
24.4561

■ 44.5224, 27.8902,
16.8371

■ 41.8092, 24.0707,
10.9790

■ 39.9798, 21.5894,
6.7395

■ 38.9202, 20.2592,
3.9534

■ 38.5701, 19.8591,
2.9116

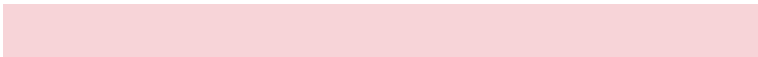
Harmonies

Analogous

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



74.0805, 71.8190, 83.8401



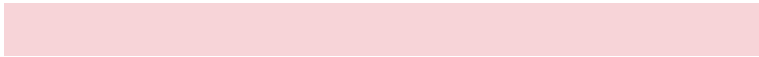
74.2959, 71.8190, 74.9124



72.8582, 71.8190, 67.4482

Triad

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



74.2959, 71.8190, 74.9124



64.3969, 71.8190, 66.0140



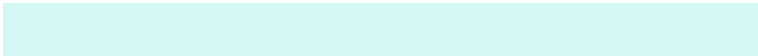
66.3556, 71.8190, 95.5570

Complementary

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



74.2959, 71.8190, 74.9124



76.5926, 86.9914, 97.5524

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.



63.8630, 71.8190, 90.0348



74.2959, 71.8190, 74.9124



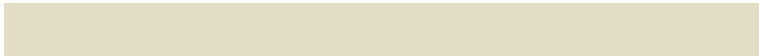
62.7560, 71.8190, 72.8161

Square

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



74.2959, 71.8190, 74.9124



67.1045, 71.8190, 62.5768



62.5636, 71.8190, 81.5797



69.4324, 71.8190, 96.2255

Rectangle

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



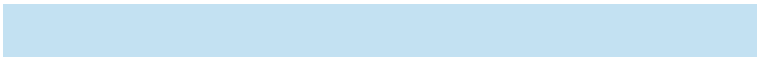
74.2959, 71.8190, 74.9124



71.1805, 71.8190, 64.1296



62.5636, 71.8190, 81.5797



65.4240, 71.8190, 94.1883

Sweetspot

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



74.2979, 71.8222, 74.9139



90.4610, 93.0955, 100.3617



77.2675, 72.8455, 97.9845



19.1834, 19.6572, 21.1477



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

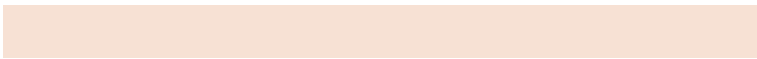
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2979, 71.8222, 74.9139



77.1684, 73.1611, 75.4271



77.2816, 78.6062, 73.3906



16.5761, 16.5133, 17.5141



20.4239, 10.5130, 1.6746



1.8196, 0.9338, 0.2766

Inverse Universe

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



74.2979, 71.8222, 74.9139



77.1684, 73.1611, 75.4271



73.2469, 79.3236, 99.4468



16.5761, 16.5133, 17.5141



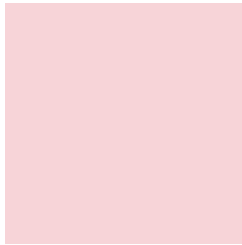
20.4239, 10.5130, 1.6746



1.8196, 0.9338, 0.2766

Previews

White Background



This preview shows how the XYZ color 74.2959, 71.8190, 74.9124 looks on a white background.

Color Contrast Check

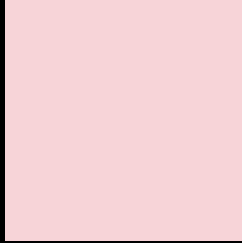
Large Text (above 18pt) WCAG AA × Fail

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 74.2959, 71.8190, 74.9124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

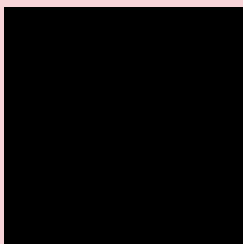
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2959, 71.8190, 74.9124

Background



This preview shows how black text looks on a background with the XYZ color 74.2959, 71.8190, 74.9124.



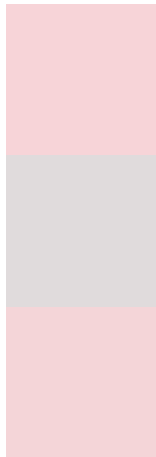
This preview shows how white text looks on a background with the XYZ color 74.2959, 71.8190,

74.9124.

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

74.2959, 71.8190, 74.9124

Protanopia

68.9903, 71.6776, 77.9091

Deuteranopia

73.4971, 71.7795, 74.9469



Tritanopia

75.6231, 71.5957, 82.5066

Trichromacy



Original Color

74.2959, 71.8190, 74.9124

Protanomaly

70.6208, 71.3820, 77.0738

Deuteranomaly

73.8451, 71.9588, 74.9631

Tritanomaly

75.3249, 71.8727, 79.7148

Monochromacy



Original Color

74.2959, 71.8190, 74.9124

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5285, 72.9861, 78.0279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2959, 71.8190, 74.9124 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, 212, 216) looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 216) }
```

Border

The CSS property to change the border of an element to XYZ 74.2959, 71.8190, 74.9124 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, 212, 216) }
```


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

```
.border{ border-color:rgb(247, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2959, 71.8190, 74.9124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 216) }
```

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

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