

Converting Colors

XYZ(74.1127, 71.2412, 63.2709)

Have a look what the booklet for
XYZ(74.1127, 71.2412, 63.2709)
contains.

XYZ(74.1127, 71.2412, 63.2709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.1127, 71.2412,
63.2709)**

Conversions

Conversions Part 1

Format	Color
Hex	FED2C6
RGB	254, 210, 198
RGB Percent	100%, 82%, 78%
CMY	0.0039, 0.1764, 0.2235
CMYK	0.00, 0.17, 0.22, 0.00
HSL	13°, 97%, 89%
HSV	13°, 22%, 100%
XYZ	74.1127, 71.2412, 63.2709
YIQ	221.7880, 30.0760, 5.5960

Conversions

Conversions Part 2

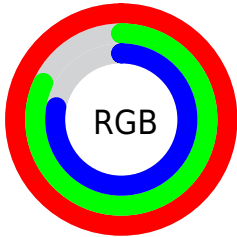
Format	Color
R _Y B	254, 213, 198
Decimal	16700102
CIE Lab	87.60, 13.65, 11.73
CIE LCh	88, 17.995, 40.675
Yxy	71.2412, 0.3552, 0.3415
Android (android.graphics.Color)	4294890182 (0xFF FED2C6)
YUV	221.7880, -11.7275, 28.2499
Hunter-Lab	84.4045, 9.0269, 14.6385

Details

The XYZ color **74.1127, 71.2412, 63.2709** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9296, 82.6638, 105.8784**, and the grayscale version is **69.3484, 72.9599, 79.4534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7813, 37.3266, 31.4936** is the 20% darker color. If you saturate the color by 10%, you get **66.8021, 60.9217, 47.5716**, and if you desaturate by 10%, it is **82.5328, 82.9924, 81.7655**.

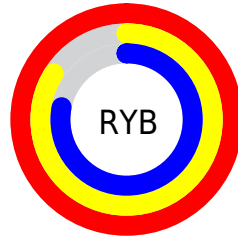
Distribution



Red (100%)

Green (82%)

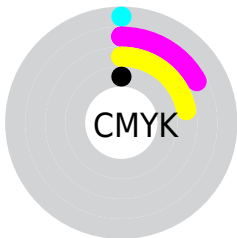
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

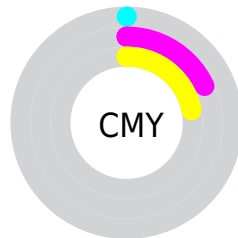


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1127, 71.2412, 63.2709 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 74.1127, 71.2412, 63.2709 by changing the saturation by 10% instead.


 74.1127, 71.2412,
63.2709

 74.1127, 71.2412,
63.2709

463.9065,
464.8962, 454.6870

 55.1779, 52.5391,
45.6180

124.0502,
120.9771, 111.1496

 39.7786, 37.4349,
31.5980


155.7836,
152.7797, 142.2125

 27.5494, 25.5444,
20.7924


192.5139,
189.7178, 178.5824

 18.1250, 16.4831,
12.7825

234.6065,
232.1759, 220.6779

 11.1400, 9.8667,
7.1500

282.4267,
280.5384, 268.9176

 6.2291, 5.3106,
3.4762

336.3399,

 3.0268, 2.4307,

335.1897, 323.7200

1.3426

396.7114,
396.5142, 385.5036

■ 1.1680, 0.8416,
0.0964

■ 0.0809, 0.0000,
0.0000

■ 74.1127, 71.2412,
63.2709

■ 74.1127, 71.2412,
63.2709

■ 66.8021, 60.9217,
47.5716

■ 82.5328, 82.9924,
81.7655

■ 60.5483, 51.9693,
34.5266

■ 92.1008, 96.2173,
103.1781

■ 55.3027, 44.3289,
23.9895

94.6833, 99.8110,
108.8828

■ 51.0105, 37.9376,
15.7976

■ 47.6115, 32.7276,
9.7691

■ 45.0381, 28.6240,
5.6950

■ 43.2116, 25.5427,
3.3240

■ 42.2135, 23.7514,
2.3596

Harmonies

Analogous

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



76.0797, 71.2412, 73.3074



74.1127, 71.2412, 63.2709



70.4579, 71.2412, 57.4830

Triad

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



74.1127, 71.2412, 63.2709



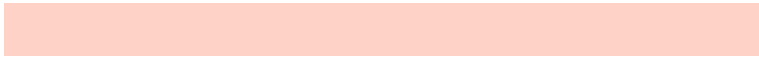
60.2779, 71.2412, 70.0671



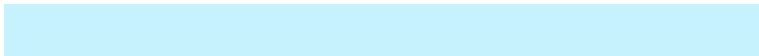
69.2403, 71.2412, 102.9639

Complementary

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



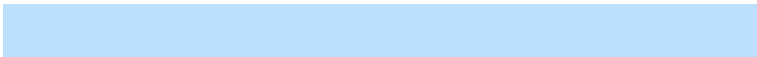
74.1127, 71.2412, 63.2709



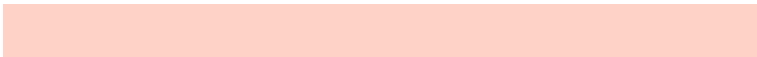
72.9296, 82.6638, 105.8784

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.



65.0396, 71.2412, 101.8625



74.1127, 71.2412, 63.2709



59.9827, 71.2412, 81.9938

Square

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



74.1127, 71.2412, 63.2709



62.5162, 71.2412, 61.1131



61.6920, 71.2412, 93.8748



73.1893, 71.2412, 96.7431

Rectangle

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



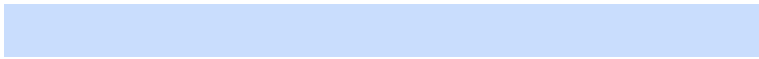
74.1127, 71.2412, 63.2709



67.6162, 71.2412, 56.4094



61.6920, 71.2412, 93.8748



67.8091, 71.2412, 103.4527

Sweetspot

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



74.1146, 71.2445, 63.2724



87.9963, 90.2799, 93.0236



77.2153, 67.9189, 93.6764



18.7105, 19.1517, 19.6328



0.0000, 0.0000, 0.0000



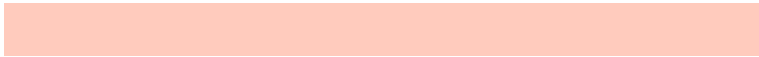
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1146, 71.2445, 63.2724



71.7281, 67.5917, 57.2396



81.4089, 85.8330, 65.7038



18.3249, 18.6180, 18.7721



22.3417, 12.6946, 1.2728



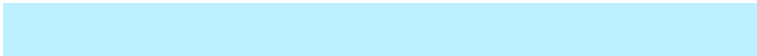
2.2507, 1.3868, 0.1491

Inverse Universe

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



72.9296, 82.6638, 105.8784



70.3543, 80.7852, 106.4928



65.4285, 67.6616, 103.3780



18.2050, 19.7815, 23.1087



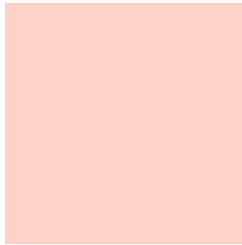
20.3781, 25.6658, 53.3145



2.0625, 2.6557, 5.2172

Previews

White Background



This preview shows how the XYZ color 74.1127, 71.2412, 63.2709 looks on a white background.

Color Contrast Check

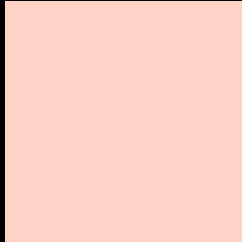
Large Text (above 18pt) WCAG AA × Fail

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 74.1127, 71.2412, 63.2709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

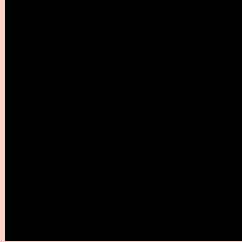
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1127, 71.2412, 63.2709

Background



This preview shows how black text looks on a background with the XYZ color 74.1127, 71.2412, 63.2709.



This preview shows how white text looks on a background with the XYZ color 74.1127, 71.2412,

63.2709.

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

74.1127, 71.2412, 63.2709

Protanopia

68.1059, 71.4688, 66.7052

Deuteranopia

72.8034, 71.3039, 63.3520



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

74.1127, 71.2412, 63.2709

Protanomaly

70.0235, 71.3333, 65.3364

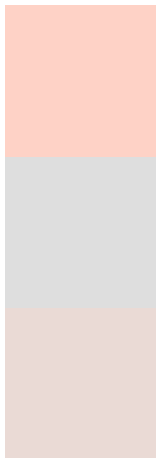
Deuteranomaly

73.2710, 71.1750, 63.3024

Tritanomaly

75.8061, 71.1758, 72.6937

Monochromacy



Original Color

74.1127, 71.2412, 63.2709

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.0133, 72.4393, 73.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1127, 71.2412, 63.2709 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(254, 210, 198) looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 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(254, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 198) }
```

Border

The CSS property to change the border of an element to XYZ 74.1127, 71.2412, 63.2709 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(254, 210, 198) }
```


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

```
.border{ border-color:rgb(254, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1127, 71.2412, 63.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 198) }
```

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

```
.background{ background-color: rgb(254,  
210, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor