

Converting Colors

XYZ(73.9103, 71.0202, 60.8525)

Have a look what the booklet for
XYZ(73.9103, 71.0202, 60.8525)
contains.

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Color

**XYZ(74.0242, 71.2482,
60.8897)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2C2
RGB	255, 210, 194
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1764, 0.2392
CMYK	0.00, 0.18, 0.24, 0.00
HSL	16°, 100%, 88%
HSV	16°, 24%, 100%
XYZ	74.0242, 71.2482, 60.8897
YIQ	221.6310, 31.9560, 4.5640

Conversions

Conversions Part 2

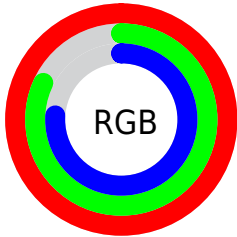
Format	Color
R _Y B	255, 216, 194
Decimal	16765634
CIE Lab	87.61, 13.45, 13.86
CIE LCh	88, 19.310, 45.850
Yxy	71.2482, 0.3591, 0.3456
Android (android.graphics.Color)	4294955714 (0xFFFFD2C2)
YUV	221.6310, -13.6221, 29.2646
Hunter-Lab	84.4086, 8.8247, 16.3161

Details

The XYZ color **74.0242, 71.2482, 60.8897** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1637, 80.4198, 106.3796**, and the grayscale version is **69.2496, 72.8559, 79.3401**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **39.7437, 37.3419, 29.9239** is the 20% darker color. If you saturate the color by 10%, you get **67.0285, 61.4534, 45.6202**, and if you desaturate by 10%, it is **82.0606, 82.3375, 78.9322**.

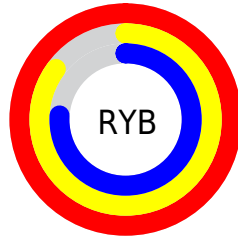
Distribution



Red (100%)

Green (82%)

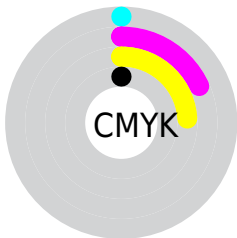
Blue (76%)



Red (100%)

Yellow (85%)

Blue (76%)

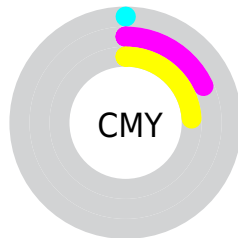


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0242, 71.2482, 60.8897 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 74.0242, 71.2482, 60.8897 by changing the saturation by 10% instead.


 74.0242, 71.2482,
60.8897

 74.0242, 71.2482,
60.8897

463.6059,
464.9206, 445.7648

 55.1052, 52.5448,
43.7062


123.9254,
120.9871, 107.6752

 39.7201, 37.4395,
30.1041


155.6384,
152.7913, 138.1142

 27.5036, 25.5479,
19.6649


192.3467,
189.7312, 173.8089

 18.0904, 16.4858,
11.9700

234.4157,
232.1913, 215.1776

 11.1150, 9.8685,
6.6010

282.2107,
280.5559, 262.6391

 6.2121, 5.3119,
3.1392

336.0972,

 3.0163, 2.4314,

335.2094, 316.6117

1.1661

396.4405,
396.5361, 377.5141

■ 1.1624, 0.8420,
0.0000

■ 0.0764, 0.0000,
0.0000

■ 74.0242, 71.2482,
60.8897

■ 74.0242, 71.2482,
60.8897

■ 67.0285, 61.4534,
45.6202

■ 82.0606, 82.3375,
78.9322

■ 61.0244, 52.8960,
32.9808

■ 91.1739, 94.7571,
99.8720

■ 55.9666, 45.5284,
22.8227

95.0500, 100.0000,
108.9000

■ 51.8036, 39.2962,
14.9802

■ 48.4789, 34.1407,
9.2668

■ 45.9288, 29.9972,
5.4673

■ 44.0785, 26.7932,
3.3193

■ 43.2416, 25.2632,
2.5972

Harmonies

Analogous

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



76.5262, 71.2482, 70.9069



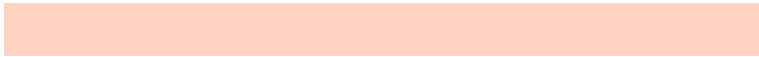
74.0242, 71.2482, 60.8897



69.8896, 71.2482, 55.6500

Triad

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



74.0242, 71.2482, 60.8897



59.5535, 71.2482, 71.5880



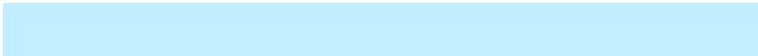
70.1469, 71.2482, 104.3829

Complementary

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



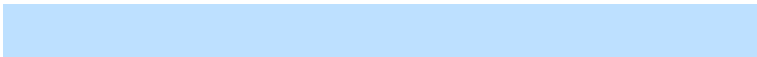
74.0242, 71.2482, 60.8897



71.1637, 80.4198, 106.3796

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.



65.5944, 71.2482, 104.6184



74.0242, 71.2482, 60.8897



59.6154, 71.2482, 84.6531

Square

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



74.0242, 71.2482, 60.8897



61.6098, 71.2482, 61.3398



61.7829, 71.2482, 97.0649



74.2199, 71.2482, 96.4535

Rectangle

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



74.0242, 71.2482, 60.8897



66.8279, 71.2482, 55.1449



61.7829, 71.2482, 97.0649



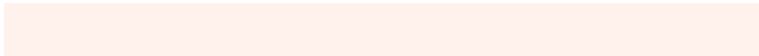
68.6185, 71.2482, 105.3922

Sweetspot

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



74.0259, 71.2514, 60.8912



88.2506, 90.7884, 93.1083



76.2232, 66.1207, 90.9890



18.7692, 19.2692, 19.6523



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.



74.0259, 71.2514, 60.8912



70.3449, 66.1169, 52.7972



82.0644, 87.3284, 63.5707



18.3969, 18.7619, 18.7961



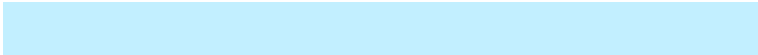
22.6971, 13.4054, 1.3912



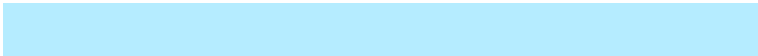
2.2944, 1.4741, 0.1636

Inverse Universe

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



71.1637, 80.4198, 106.3796



66.9974, 76.8090, 105.9022



63.1607, 64.4138, 103.7119



18.1279, 19.6274, 23.0830



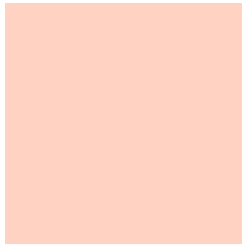
18.9668, 22.8431, 52.8441



1.9358, 2.4022, 5.1749

Previews

White Background



This preview shows how the XYZ color 74.0242, 71.2482, 60.8897 looks on a white background.

Color Contrast Check

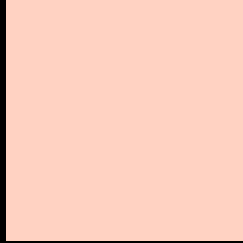
Large Text (above 18pt) WCAG AA × Fail

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 74.0242, 71.2482, 60.8897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

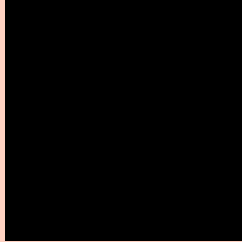
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0242, 71.2482, 60.8897

Background



This preview shows how black text looks on a background with the XYZ color 74.0242, 71.2482, 60.8897.



This preview shows how white text looks on a background with the XYZ color 74.0242, 71.2482,

60.8897.

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

74.0242, 71.2482, 60.8897

Protanopia

67.9534, 71.4446, 64.2415

Deuteranopia

73.0647, 71.4912, 60.9872



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

74.0242, 71.2482, 60.8897

Protanomaly

69.8938, 71.3201, 62.9057

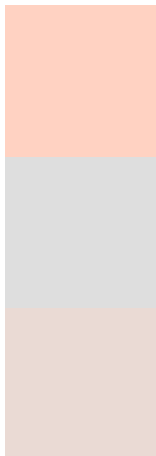
Deuteranomaly

73.1768, 71.1790, 60.9210

Tritanomaly

75.6795, 71.1252, 72.0272

Monochromacy



Original Color

74.0242, 71.2482, 60.8897

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8868, 72.3887, 72.5236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0242, 71.2482, 60.8897 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(255, 210, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 194)  
}
```

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(255, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 194) }
```

Border

The CSS property to change the border of an element to XYZ 74.0242, 71.2482, 60.8897 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(255, 210, 194) }
```


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

```
.border{ border-color:rgb(255, 210, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0242, 71.2482, 60.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 194) }
```

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

```
.background{ background-color: rgb(255,  
210, 194) }
```

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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