

Converting Colors

XYZ(74.6907, 71.8482, 61.0746)

Have a look what the booklet for
XYZ(74.6907, 71.8482, 61.0746)
contains.

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Color

**XYZ(74.2719, 71.7436,
60.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C2
RGB	255, 211, 194
RGB Percent	100%, 83%, 76%
CMY	0.0000, 0.1725, 0.2392
CMYK	0.00, 0.17, 0.24, 0.00
HSL	17°, 100%, 88%
HSV	17°, 24%, 100%
XYZ	74.2719, 71.7436, 60.9723
YIQ	222.2180, 31.6810, 4.0410

Conversions

Conversions Part 2

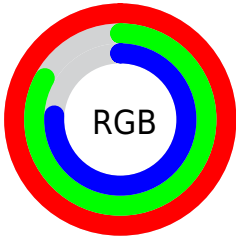
Format	Color
R _Y B	255, 218, 194
Decimal	16765890
CIE Lab	87.85, 12.93, 14.19
CIE LCh	88, 19.200, 47.667
Yxy	71.7436, 0.3588, 0.3466
Android (android.graphics.Color)	4294955970 (0xFFFFD3C2)
YUV	222.2180, -13.9115, 28.7498
Hunter-Lab	84.7016, 8.2927, 16.6113

Details

The XYZ color **74.2719, 71.7436, 60.9723** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8717, 79.8359, 106.2823**, and the grayscale version is **69.6663, 73.2943, 79.8175**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **39.9108, 37.6762, 29.9796** is the 20% darker color. If you saturate the color by 10%, you get **67.3397, 62.0758, 45.7239**, and if you desaturate by 10%, it is **82.2218, 82.6599, 78.9860**.

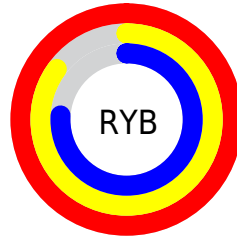
Distribution



Red (100%)

Green (83%)

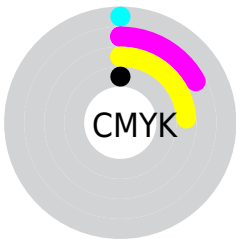
Blue (76%)



Red (100%)

Yellow (85%)

Blue (76%)

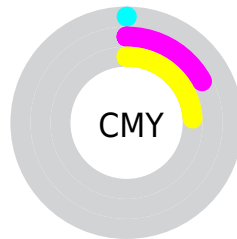


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2719, 71.7436, 60.9723 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 74.2719, 71.7436, 60.9723 by changing the saturation by 10% instead.


 74.2719, 71.7436,
60.9723

 74.2719, 71.7436,
60.9723


464.4471,
466.6487, 446.0762

 55.3087, 52.9493,
43.7724


124.2746,
121.6919, 107.7960

 39.8837, 37.7623,
30.1557


156.0448,
153.6147, 138.2568

 27.6317, 25.7982,
19.7038

192.8147,
190.6824, 173.9751

 18.1873, 16.6728,
11.9980

234.9496,
233.2794, 215.3692

 11.1850, 10.0014,
6.6198

282.8150,
281.7902, 262.8579

 6.2596, 5.3999,
3.1506

336.7761,

 3.0457, 2.4838,

336.5990, 316.8596

1.1721

397.1984,
398.0904, 377.7928

■ 1.1780, 0.8685,
0.0000

■ 0.0889, 0.0000,
0.0000

■ 74.2719, 71.7436,
60.9723

■ 74.2719, 71.7436,
60.9723

■ 67.3397, 62.0758,
45.7239

■ 82.2218, 82.6599,
78.9860

■ 61.3774, 53.6018,
33.0985

■ 91.2242, 94.8577,
99.8889

■ 56.3408, 46.2769,
22.9475

95.0500, 100.0000,
108.9000

■ 52.1803, 40.0497,
15.1058

■ 48.8410, 34.8648,
9.3875

■ 46.2609, 30.6613,
5.5780

■ 44.3673, 27.3709,
3.4156

■ 43.4988, 25.7776,
2.6829

Harmonies

Analogous

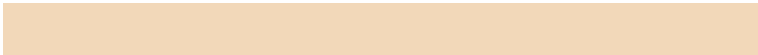
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8977, 71.7436, 70.7350



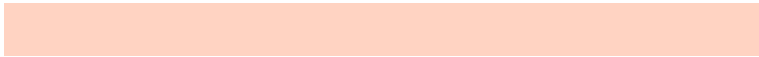
74.2719, 71.7436, 60.9723



70.0816, 71.7436, 56.0476

Triad

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



74.2719, 71.7436, 60.9723



59.9718, 71.7436, 72.8710



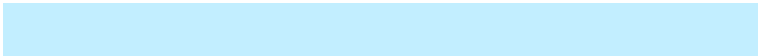
70.8881, 71.7436, 104.5925

Complementary

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



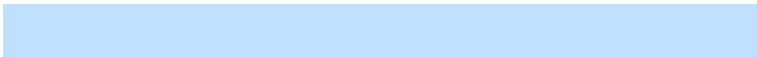
74.2719, 71.7436, 60.9723



70.8717, 79.8359, 106.2823

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.



66.3330, 71.7436, 105.3297



74.2719, 71.7436, 60.9723



60.1660, 71.7436, 85.9946

Square

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



74.2719, 71.7436, 60.9723



61.9067, 71.7436, 62.3853



62.4498, 71.7436, 98.2064



74.8850, 71.7436, 96.2923

Rectangle

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



74.2719, 71.7436, 60.9723



67.0260, 71.7436, 55.7634



62.4498, 71.7436, 98.2064



69.3677, 71.7436, 105.7638

Sweetspot

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



74.2736, 71.7468, 60.9738



88.3377, 90.9625, 93.1373



76.0728, 66.0606, 90.1968



18.7894, 19.3094, 19.6590



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

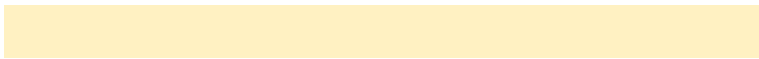
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2736, 71.7468, 60.9738



70.6277, 66.6824, 52.8915



82.3642, 87.9279, 63.6706



18.4215, 18.8112, 18.8043



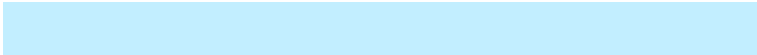
22.8363, 13.6839, 1.4376



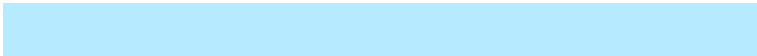
2.3108, 1.5069, 0.1691

Inverse Universe

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



70.8717, 79.8359, 106.2823



66.6503, 76.1148, 105.7865



62.9117, 63.9158, 103.6289



18.1017, 19.5750, 23.0742



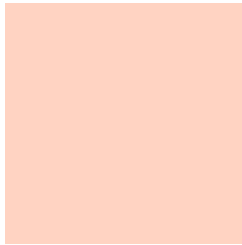
18.5106, 21.9308, 52.6920



1.8945, 2.3196, 5.1612

Previews

White Background



This preview shows how the XYZ color 74.2719, 71.7436, 60.9723 looks on a white background.

Color Contrast Check

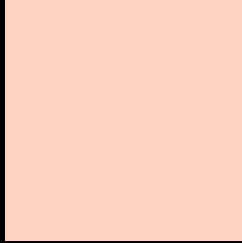
Large Text (above 18pt) WCAG AA × Fail

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 74.2719, 71.7436, 60.9723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

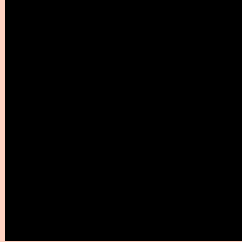
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2719, 71.7436, 60.9723

Background



This preview shows how black text looks on a background with the XYZ color 74.2719, 71.7436, 60.9723.



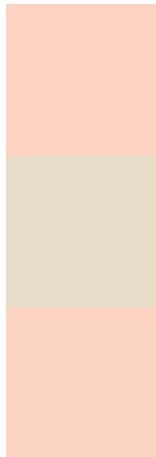
This preview shows how white text looks on a background with the XYZ color 74.2719, 71.7436,

60.9723.

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

74.2719, 71.7436, 60.9723

Protanopia

68.5351, 72.1329, 64.3437

Deuteranopia

73.0647, 71.4912, 60.9872



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

74.2719, 71.7436, 60.9723

Protanomaly

70.4875, 72.0076, 63.0071

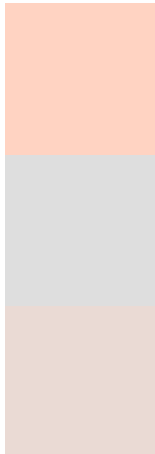
Deuteranomaly

73.4260, 71.6775, 61.0041

Tritanomaly

75.9241, 71.6144, 72.1087

Monochromacy



Original Color

74.2719, 71.7436, 60.9723

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 74.2719, 71.7436, 60.9723 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, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 194) }
```

Border

The CSS property to change the border of an element to XYZ 74.2719, 71.7436, 60.9723 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, 211, 194) }
```


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

```
.border{ border-color:rgb(255, 211, 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, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2719, 71.7436, 60.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 194) }
```

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

```
.background{ background-color: rgb(255,  
211, 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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