

Converting Colors

XYZ(74.7051, 72.6460, 61.0060)

Have a look what the booklet for
XYZ(74.7051, 72.6460, 61.0060)
contains.

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Color

**XYZ(74.7719, 72.7435,
61.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C2
RGB	255, 213, 194
RGB Percent	100%, 84%, 76%
CMY	0.0000, 0.1647, 0.2392
CMYK	0.00, 0.16, 0.24, 0.00
HSL	19°, 100%, 88%
HSV	19°, 24%, 100%
XYZ	74.7719, 72.7435, 61.1389
YIQ	223.3920, 31.1310, 2.9950

Conversions

Conversions Part 2

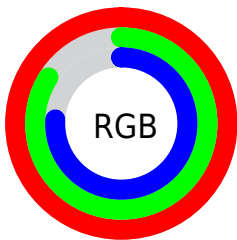
Format	Color
R _Y B	255, 222, 194
Decimal	16766402
CIE Lab	88.33, 11.89, 14.87
CIE LCh	88, 19.041, 51.354
Yxy	72.7435, 0.3584, 0.3486
Android (android.graphics.Color)	4294956482 (0xFFFFD5C2)
YUV	223.3920, -14.4903, 27.7202
Hunter-Lab	85.2898, 7.2303, 17.2016

Details

The XYZ color **74.7719, 72.7435, 61.1389** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2927, 78.6778, 106.0893**, and the grayscale version is **70.5038, 74.1755, 80.7771**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **40.2492, 38.3529, 30.0924** is the 20% darker color. If you saturate the color by 10%, you get **67.9710, 63.3384, 45.9343**, and if you desaturate by 10%, it is **82.5456, 83.3075, 79.0939**.

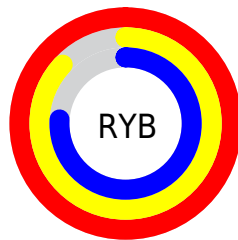
Distribution



Red (100%)

Green (84%)

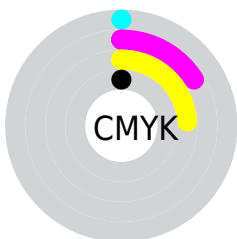
Blue (76%)



Red (100%)

Yellow (87%)

Blue (76%)

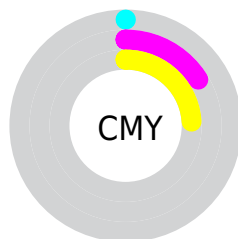


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7719, 72.7435, 61.1389 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 74.7719, 72.7435, 61.1389 by changing the saturation by 10% instead.

74.7719, 72.7435,
61.1389

74.7719, 72.7435,
61.1389

466.1425,
470.1253, 446.7038

55.7196, 53.7663,
43.9060

124.9791,
123.1130, 108.0395

40.2142, 38.4148,
30.2600

156.8646,
155.2741, 138.5443

27.8906, 26.3048,
19.7823

193.7586,
192.5985, 174.3101

18.3832, 17.0518,
12.0544

236.0263,
235.4707, 215.7555

11.3268, 10.2714,
6.6577

284.0332,
284.2751, 263.2991

6.3560, 5.5793,
3.1738

338.1447,

3.1055, 2.5910,

339.3961, 317.3592

1.1840

398.7260,
401.2180, 378.3546

■ 1.2098, 0.9221,
0.0000

■ 0.1141, 0.0000,
0.0000

■ 74.7719, 72.7435,
61.1389

■ 74.7719, 72.7435,
61.1389

■ 67.9710, 63.3384,
45.9343

■ 82.5456, 83.3075,
79.0939

■ 62.0977, 55.0425,
33.3386

■ 91.3250, 95.0592,
99.9224

■ 57.1103, 47.8159,
23.2040

95.0500, 100.0000,
108.9000

■ 52.9620, 41.6132,
15.3663

■ 49.6010, 36.3848,
9.6408

■ 46.9686, 32.0767,
5.8139

■ 44.9961, 28.6284,
3.6252

■ 44.0683, 26.9167,
2.8728

Harmonies

Analogous

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



77.6475, 72.7435, 70.3943



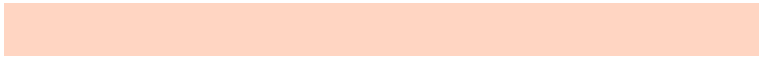
74.7719, 72.7435, 61.1389



70.4692, 72.7435, 56.8489

Triad

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



74.7719, 72.7435, 61.1389



60.8157, 72.7435, 75.4839



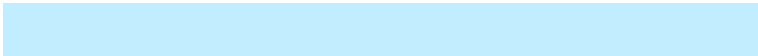
72.3883, 72.7435, 105.0182

Complementary

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



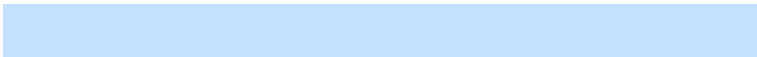
74.7719, 72.7435, 61.1389



70.2927, 78.6778, 106.0893

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.



67.8286, 72.7435, 106.7671



74.7719, 72.7435, 61.1389



61.2788, 72.7435, 88.7224

Square

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



74.7719, 72.7435, 61.1389



62.5051, 72.7435, 64.5121



63.7992, 72.7435, 100.5203



76.2297, 72.7435, 95.9755

Rectangle

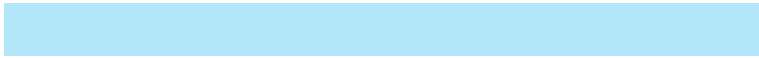
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7719, 72.7435, 61.1389



67.4257, 72.7435, 57.0145



63.7992, 72.7435, 100.5203



70.8842, 72.7435, 106.5153

Sweetspot

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



74.7736, 72.7467, 61.1404



88.5123, 91.3117, 93.1955



75.7745, 65.9412, 88.6257



18.8297, 19.3901, 19.6725



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.



74.7736, 72.7467, 61.1404



71.1998, 67.8266, 53.0822



82.9686, 89.1368, 63.8721



18.4710, 18.9102, 18.8208



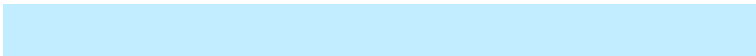
23.1430, 14.2973, 1.5399



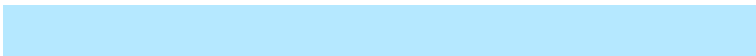
2.3459, 1.5771, 0.1808

Inverse Universe

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



70.2927, 78.6778, 106.0893



65.9632, 74.7407, 105.5575



62.4183, 62.9291, 103.4645



18.0494, 19.4705, 23.0568



17.6374, 20.1843, 52.4010



1.8148, 2.1604, 5.1346

Previews

White Background



This preview shows how the XYZ color 74.7719, 72.7435, 61.1389 looks on a white background.

Color Contrast Check

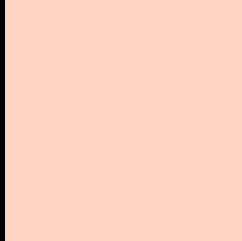
Large Text (above 18pt) WCAG AA × Fail

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 74.7719, 72.7435, 61.1389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

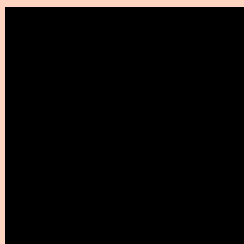
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7719, 72.7435, 61.1389

Background



This preview shows how black text looks on a background with the XYZ color 74.7719, 72.7435, 61.1389.



This preview shows how white text looks on a background with the XYZ color 74.7719, 72.7435,

61.1389.

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

74.7719, 72.7435, 61.1389

Protanopia

69.0045, 72.7790, 63.8369

Deuteranopia

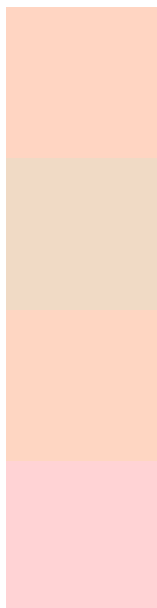
74.2922, 72.8708, 61.1888



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

74.7719, 72.7435, 61.1389

Protanomaly

71.0846, 72.6993, 63.1091

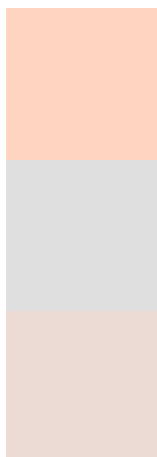
Deuteranomaly

74.6572, 73.0590, 61.2059

Tritanomaly

76.5445, 72.6526, 72.9398

Monochromacy



Original Color

74.7719, 72.7435, 61.1389

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.4761, 73.0787, 72.6258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7719, 72.7435, 61.1389 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, 213, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 194) }
```

Border

The CSS property to change the border of an element to XYZ 74.7719, 72.7435, 61.1389 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, 213, 194) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7719, 72.7435, 61.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 194) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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