

Converting Colors

XYZ(77.8549, 79.3711, 71.6042)

Have a look what the booklet for
XYZ(77.8549, 79.3711, 71.6042)
contains.

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Color

**XYZ(77.7719, 79.1359,
71.4973)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E2D1
RGB	249, 226, 209
RGB Percent	98%, 89%, 82%
CMY	0.0235, 0.1137, 0.1804
CMYK	0.00, 0.09, 0.16, 0.02
HSL	26°, 77%, 90%
HSV	26°, 16%, 98%
XYZ	77.7719, 79.1359, 71.4973
YIQ	230.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

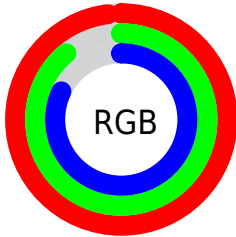
Format	Color
R _Y B	249, 239, 209
Decimal	16376529
CIE Lab	91.30, 5.18, 11.16
CIE LCh	91, 12.300, 65.096
Yxy	79.1359, 0.3405, 0.3465
Android (android.graphics.Color)	4294566609 (0xFFFF9E2D1)
YUV	230.9390, -10.8159, 15.8395
Hunter-Lab	88.9584, 0.3766, 14.6185

Details

The XYZ color **77.7719, 79.1359, 71.4973** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2496, 78.1064, 100.8913**, and the grayscale version is **75.9800, 79.9369, 87.0513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2175, 42.6988, 37.0269** is the 20% darker color. If you saturate the color by 10%, you get **71.1960, 70.5377, 55.2659**, and if you desaturate by 10%, it is **85.1589, 88.5839, 90.3779**.

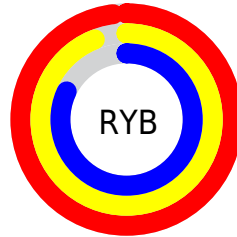
Distribution



Red (98%)

Green (89%)

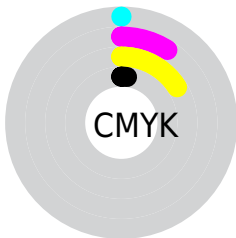
Blue (82%)



Red (98%)

Yellow (94%)

Blue (82%)

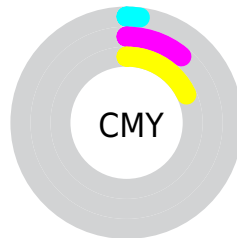


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7719, 79.1359, 71.4973 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 77.7719, 79.1359, 71.4973 by changing the saturation by 10% instead.


 77.7719, 79.1359,
71.4973

 77.7719, 79.1359,
71.4973


476.2435,
492.0160, 484.7204

 58.1888, 59.0076,
52.2638


129.1956,
132.1502, 123.0426

 42.2043, 42.6192,
36.8317


161.7668,
165.8049, 156.1915

 29.4531, 29.5864,
24.7824

199.3982,
204.7371, 194.8160

 19.5698, 19.5249,
15.6975

242.4550,
249.3314, 239.3345

 12.1892, 12.0502,
9.1583

291.3025,
299.9720, 290.1657

 6.9458, 6.7779,
4.7464

346.3062,

 3.4742, 3.3236,

357.0434, 347.7280

2.0431

407.8314,
420.9299, 412.4401

■ 1.4092, 1.3029,
0.5816

■ 0.2628, 0.1434,
0.0000

■ 77.7719, 79.1359,
71.4973

■ 77.7719, 79.1359,
71.4973

■ 71.1960, 70.5377,
55.2659

■ 85.1589, 88.5839,
90.3779

■ 65.3947, 62.7540,
41.5587

■ 92.7610, 98.6474,
108.7596

■ 60.3377, 55.7622,
30.2477

■ 92.8772, 98.8799,
108.7983

■ 55.9903, 49.5348,
21.1917

■ 52.3144, 44.0423,
14.2346

■ 49.2677, 39.2528,
9.1997

■ 46.8020, 35.1311,
5.8812

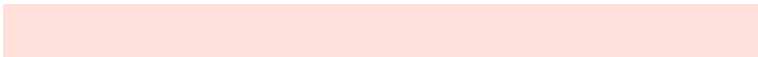
■ 44.8589, 31.6374,
4.0237

■ 44.2063, 30.4181,
3.5414

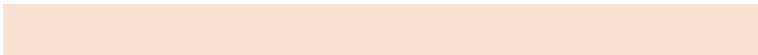
Harmonies

Analogous

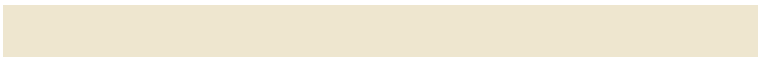
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2342, 79.1359, 76.6564



77.7719, 79.1359, 71.4973



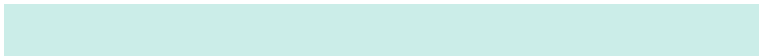
74.6845, 79.1359, 70.1546

Triad

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



77.7719, 79.1359, 71.4973



69.3955, 79.1359, 87.7013



78.7199, 79.1359, 101.0072

Complementary

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



77.7719, 79.1359, 71.4973



72.2496, 78.1064, 100.8913

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.



75.7507, 79.1359, 104.4441



77.7719, 79.1359, 71.4973



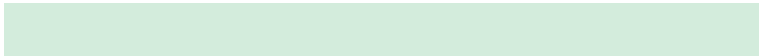
70.4121, 79.1359, 96.4302

Square

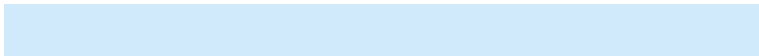
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7719, 79.1359, 71.4973



69.9031, 79.1359, 79.1286



72.7173, 79.1359, 102.7141



80.7921, 79.1359, 93.6078

Rectangle

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



77.7719, 79.1359, 71.4973



72.6995, 79.1359, 71.5188



72.7173, 79.1359, 102.7141



77.7906, 79.1359, 102.6867

Sweetspot

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



77.7740, 79.1394, 71.4990



90.7707, 94.6181, 97.6804



76.4811, 71.5868, 86.3799



19.3038, 20.0942, 20.5828



0.0000, 0.0000, 0.0000



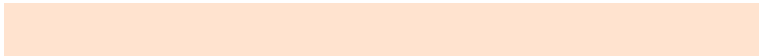
20.3446, 21.4041, 23.3091

Same Dimension

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



77.7740, 79.1394, 71.4990



79.9569, 80.7617, 70.1178



83.4308, 90.4529, 73.3846



17.8512, 18.4382, 18.0805



23.7967, 16.5501, 1.9403



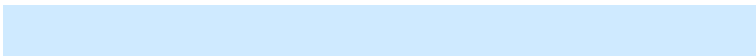
2.3066, 1.7380, 0.2139

Inverse Universe

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



72.2496, 78.1064, 100.8913



73.1942, 79.4960, 106.0943



67.0213, 67.6497, 99.1485



17.1116, 18.3001, 22.0157



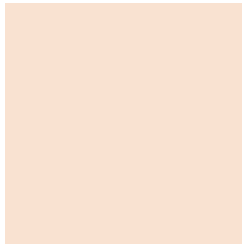
14.5661, 14.4878, 50.0023



1.4541, 1.5519, 4.6661

Previews

White Background



This preview shows how the XYZ color 77.7719, 79.1359, 71.4973 looks on a white background.

Color Contrast Check

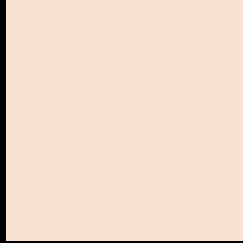
Large Text (above 18pt) WCAG AA × Fail

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 77.7719, 79.1359, 71.4973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

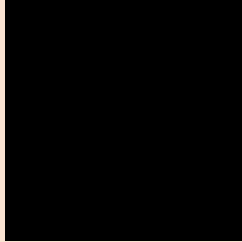
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7719, 79.1359, 71.4973

Background



This preview shows how black text looks on a background with the XYZ color 77.7719, 79.1359, 71.4973.



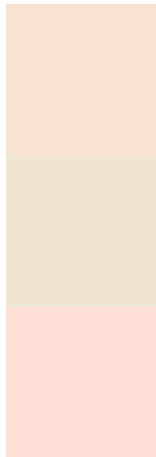
This preview shows how white text looks on a background with the XYZ color 77.7719, 79.1359,

71.4973.

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

77.7719, 79.1359, 71.4973

Protanopia

75.3738, 79.0925, 72.9218

Deuteranopia

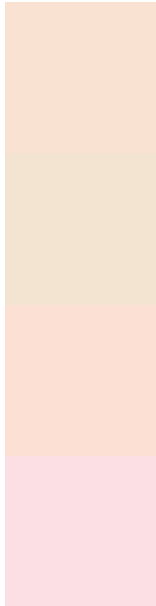
79.7653, 78.8904, 74.6416



Tritanopia

82.2093, 79.3572, 92.6459

Trichromacy



Original Color

77.7719, 79.1359, 71.4973

Protanomaly

76.3384, 79.1946, 72.2354

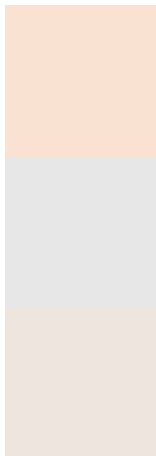
Deuteranomaly

79.0473, 78.9474, 73.3595

Tritanomaly

80.5362, 79.0722, 84.4165

Monochromacy



Original Color

77.7719, 79.1359, 71.4973

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5985, 79.5435, 81.1283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7719, 79.1359, 71.4973 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(249, 226, 209) looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 209)  
}
```

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(249, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 209) }
```

Border

The CSS property to change the border of an element to XYZ 77.7719, 79.1359, 71.4973 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(249, 226, 209) }
```


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

```
.border{ border-color:rgb(249, 226, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 226, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 226, 209); box-shadow:4px 4px 4px 4px rgb(249, 226, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7719, 79.1359, 71.4973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 209) }
```

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

```
.background{ background-color: rgb(249,  
226, 209) }
```

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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