

Converting Colors

XYZ(76.9618, 74.3198, 70.9714)

Have a look what the booklet for
XYZ(76.9618, 74.3198, 70.9714)
contains.

XYZ(77.1733, 74.5140, 71.2879)	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(77.1733, 74.5140,
71.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D2
RGB	255, 215, 210
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1568, 0.1765
CMYK	0.00, 0.16, 0.18, 0.00
HSL	7°, 100%, 91%
HSV	7°, 18%, 100%
XYZ	77.1733, 74.5140, 71.2879
YIQ	226.3900, 25.4450, 6.9250

Conversions

Conversions Part 2

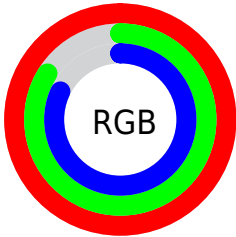
Format	Color
R_{YB}	255, 216, 210
Decimal	16766930
CIE _{Lab}	89.16, 13.16, 7.65
CIE _{LCh}	89, 15.225, 30.175
Yxy	74.5140, 0.3461, 0.3342
Android (android.graphics.Color)	4294957010 (0xFFFFD7D2)
YUV	226.3900, -8.0803, 25.0910
Hunter-Lab	86.3215, 8.5203, 11.4609

Details

The XYZ color **77.1733, 74.5140, 71.2879** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8129, 89.2902, 107.6886**, and the grayscale version is **72.6163, 76.3980, 83.1974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8603, 39.5477, 36.8797** is the 20% darker color. If you saturate the color by 10%, you get **68.8693, 62.5915, 54.0751**, and if you desaturate by 10%, it is **86.7865, 88.2443, 91.4364**.

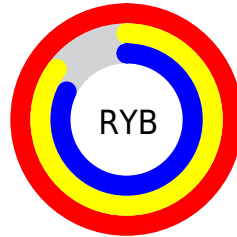
Distribution



Red (100%)

Green (84%)

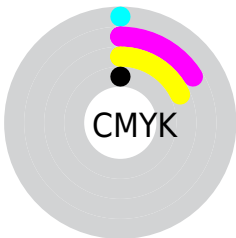
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

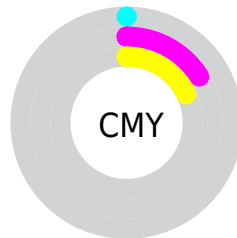


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1733, 74.5140, 71.2879 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 77.1733, 74.5140, 71.2879 by changing the saturation by 10% instead.


 77.1733, 74.5140,
71.2879

 77.1733, 74.5140,
71.2879


474.2376,
476.2455, 483.9700

 57.6955, 55.2148,
52.0939


128.3556,
125.6242, 122.7419

 41.8062, 39.5738,
36.6972


160.7909,
158.2040, 155.8389

 29.1400, 27.2064,
24.6792


198.2761,
195.9794, 194.4074

 19.3316, 17.7283,
15.6213

241.1765,
239.3349, 238.8658

 12.0156, 10.7551,
9.1052

289.8575,
288.6549, 289.6327

 6.8265, 5.9024,
4.7121

344.6844,

 3.3992, 2.7858,

344.3237, 347.1267

2.0236

406.0227,
406.7258, 411.7663

■ 1.3682, 1.0210,
0.5697

■ 0.2334, 0.0000,
0.0000

■ 77.1733, 74.5140,
71.2879

■ 77.1733, 74.5140,
71.2879

■ 68.8693, 62.5915,
54.0751

■ 86.7865, 88.2443,
91.4364

■ 61.8126, 52.3922,
39.6564

95.0500, 100.0000,
108.9000

■ 55.9443, 43.8392,
27.8856

■ 51.1985, 36.8460,
18.6013

■ 47.5027, 31.3181,
11.6244

■ 44.7762, 27.1506,
6.7517

■ 42.9256, 24.2248,
3.7447

■ 41.8362, 22.3998,
2.2909

■ 41.6639, 22.1077,
2.0713

Harmonies

Analogous

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



78.2017, 74.5140, 81.0707



77.1733, 74.5140, 71.2879



74.4321, 74.5140, 64.6630

Triad

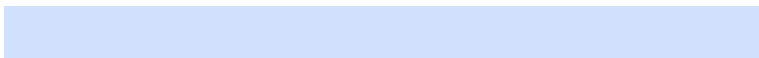
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1733, 74.5140, 71.2879



64.8110, 74.5140, 71.3871



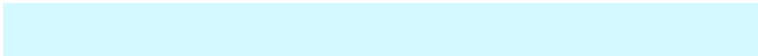
70.8451, 74.5140, 103.3343

Complementary

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



77.1733, 74.5140, 71.2879



78.8129, 89.2902, 107.6886

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.



67.3331, 74.5140, 100.1863



77.1733, 74.5140, 71.2879



63.9242, 74.5140, 81.1955

Square

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



77.1733, 74.5140, 71.2879



67.2966, 74.5140, 64.7166



64.8316, 74.5140, 91.8454



74.4711, 74.5140, 100.1145

Rectangle

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



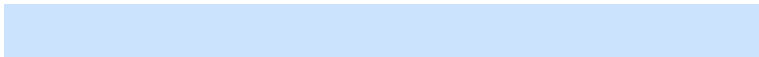
77.1733, 74.5140, 71.2879



72.0480, 74.5140, 62.6157



64.8316, 74.5140, 91.8454



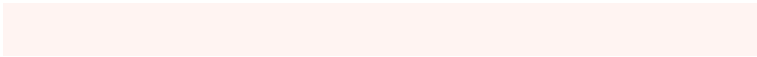
69.6126, 74.5140, 102.9826

Sweetspot

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



77.1750, 74.5172, 71.2894



89.5555, 92.1876, 97.2753



81.6208, 74.2875, 100.8912



19.0092, 19.5051, 20.4846



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

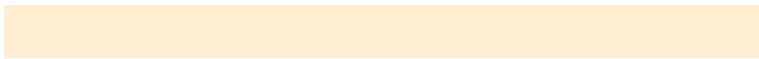
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1750, 74.5172, 71.2894



74.2469, 70.3207, 65.1963



83.1574, 86.4819, 73.2836



18.1720, 18.3121, 18.7212



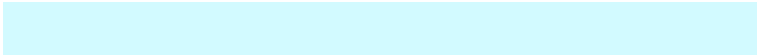
21.8219, 11.6551, 1.0995



2.1751, 1.2355, 0.1238

Inverse Universe

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



78.8129, 89.2902, 107.6886



76.1479, 87.4787, 107.4794



72.3724, 76.4092, 105.5417



18.3722, 20.1160, 23.1644



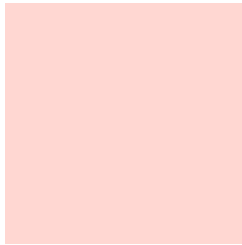
23.8024, 32.5145, 54.4560



2.3647, 3.2601, 5.3179

Previews

White Background



This preview shows how the XYZ color 77.1733, 74.5140, 71.2879 looks on a white background.

Color Contrast Check

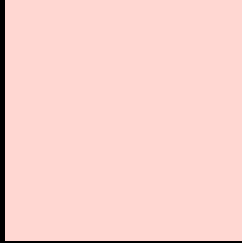
Large Text (above 18pt) WCAG AA × Fail

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 77.1733, 74.5140, 71.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

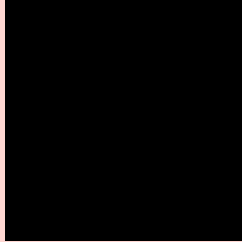
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1733, 74.5140, 71.2879

Background



This preview shows how black text looks on a background with the XYZ color 77.1733, 74.5140, 71.2879.



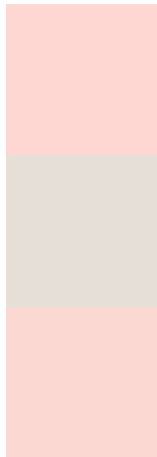
This preview shows how white text looks on a background with the XYZ color 77.1733, 74.5140,

71.2879.

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

77.1733, 74.5140, 71.2879

Protanopia

71.2865, 74.5046, 74.9136

Deuteranopia

75.9724, 74.2741, 71.3049



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

77.1733, 74.5140, 71.2879

Protanomaly

73.2000, 74.3412, 73.4420

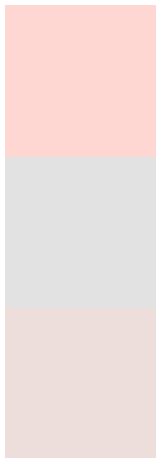
Deuteranomaly

76.3336, 74.4603, 71.3218

Tritanomaly

78.3377, 74.5736, 78.6719

Monochromacy



Original Color

77.1733, 74.5140, 71.2879

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.9646, 75.4144, 78.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1733, 74.5140, 71.2879 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, 215, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 210)  
}
```

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, 215, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 210) }
```

Border

The CSS property to change the border of an element to XYZ 77.1733, 74.5140, 71.2879 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, 215, 210) }
```


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

```
.border{ border-color:rgb(255, 215, 210) }
```

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

Here you see how a box with a 4 pixel rgb(255, 215, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1733, 74.5140, 71.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 210) }
```

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

```
.background{ background-color: rgb(255,  
215, 210) }
```

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