

Converting Colors

XYZ(74.8749, 73.1807, 77.8891)

Have a look what the booklet for
XYZ(74.8749, 73.1807, 77.8891)
contains.

XYZ(74.8749, 73.1807, 77.8891)	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(74.8749, 73.1807,
77.8891)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D7DC
RGB	245, 215, 220
RGB Percent	96%, 84%, 86%
CMY	0.0392, 0.1568, 0.1372
CMYK	0.00, 0.12, 0.10, 0.04
HSL	350°, 60%, 90%
HSV	350°, 12%, 96%
XYZ	74.8749, 73.1807, 77.8891
YIQ	224.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

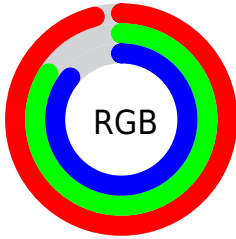
Format	Color
R _Y B	245, 215, 220
Decimal	16111580
CIE Lab	88.53, 11.20, 1.36
CIE LCh	89, 11.286, 6.929
Yxy	73.1807, 0.3314, 0.3239
Android (android.graphics.Color)	4294301660 (0xFFF5D7DC)
YUV	224.5400, -2.2382, 17.9434
Hunter-Lab	85.5457, 6.5292, 5.8987

Details

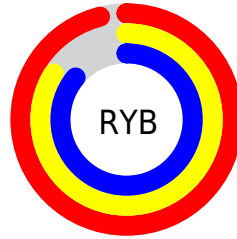
The XYZ color **74.8749, 73.1807, 77.8891** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4078, 86.0450, 95.0235**, and the grayscale version is **71.2471, 74.9575, 81.6287**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3486, 38.6770, 40.9361** is the 20% darker color. If you saturate the color by 10%, you get **66.5563, 60.6097, 62.5786**, and if you desaturate by 10%, it is **84.4622, 87.7587, 95.2540**.

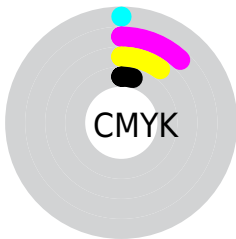
Distribution



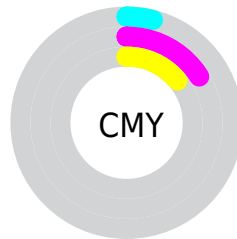
- Red (96%)
- Green (84%)
- Blue (86%)



- Red (96%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8749, 73.1807, 77.8891 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 74.8749, 73.1807, 77.8891 by changing the saturation by 10% instead.

74.8749, 73.1807,
77.8891

74.8749, 73.1807,
77.8891

466.4913,
471.6408, 507.3081

55.8042, 54.1237,
57.4670

125.1241,
123.7337, 132.1782

40.2824, 38.7006,
40.9684

157.0334,
155.9985, 166.8823

27.9440, 26.5269,
27.9749

193.9529,
193.4348, 207.1841

18.4237, 17.2182,
18.0679

236.2479,
236.4268, 253.5022

11.3561, 10.3902,
10.8288

284.2840,
285.3590, 306.2551

6.3759, 5.6584,
5.8391

338.4263,

3.1178, 2.6385,

340.6158, 365.8613

2.6803

399.0403,
402.5817, 432.7395

■ 1.2164, 0.9461,
0.9335

■ 0.1192, 0.0000,
0.0000

■ 74.8749, 73.1807,
77.8891

■ 74.8749, 73.1807,
77.8891

■ 66.5563, 60.6097,
62.5786

■ 84.4622, 87.7587,
95.2540

■ 59.4469, 49.9484,
49.2416

■ 91.4665, 98.1527,
108.7323

■ 53.4918, 41.1061,
37.7988

■ 48.6293, 33.9809,
28.1633

■ 44.7919, 28.4605,
20.2420

■ 41.9043, 24.4197,
13.9326

■ 39.8807, 21.7141,
9.1223

■ 38.6192, 20.1704,
5.6823

■ 38.0534, 19.5714,
3.8520

Harmonies

Analogous

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



74.4766, 73.1807, 85.6927



74.8749, 73.1807, 77.8891



73.8186, 73.1807, 71.0215

Triad

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



74.8749, 73.1807, 77.8891



66.4626, 73.1807, 68.3040



67.5278, 73.1807, 94.2623

Complementary

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



74.8749, 73.1807, 77.8891



76.4078, 86.0450, 95.0235

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.



65.4609, 73.1807, 89.0180



74.8749, 73.1807, 77.8891



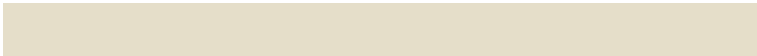
64.8572, 73.1807, 73.9579

Square

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



74.8749, 73.1807, 77.8891



68.9274, 73.1807, 65.7258



64.4953, 73.1807, 81.5009



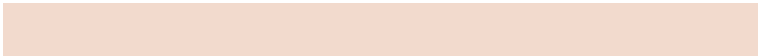
70.1885, 73.1807, 95.4845

Rectangle

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



74.8749, 73.1807, 77.8891



72.4475, 73.1807, 67.7838



64.4953, 73.1807, 81.5009



66.7426, 73.1807, 92.8955

Sweetspot

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



74.8770, 73.1839, 77.8907



90.5432, 93.1284, 100.7941



76.7193, 73.7221, 96.5733



19.2041, 19.6654, 21.2567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

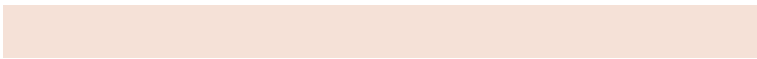
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8770, 73.1839, 77.8907



79.3240, 76.0911, 80.4034



76.8494, 78.1720, 75.3323



16.6117, 16.5275, 17.7019



20.5335, 10.5568, 2.2519



1.8365, 0.9406, 0.3652

Inverse Universe

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



74.8770, 73.1839, 77.8907



79.3240, 76.0911, 80.4034



74.2167, 80.4588, 98.0055



16.6117, 16.5275, 17.7019



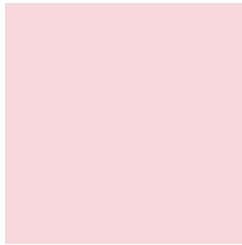
20.5335, 10.5568, 2.2519



1.8365, 0.9406, 0.3652

Previews

White Background



This preview shows how the XYZ color 74.8749, 73.1807, 77.8891 looks on a white background.

Color Contrast Check

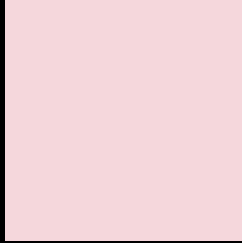
Large Text (above 18pt) WCAG AA × Fail

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 74.8749, 73.1807, 77.8891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

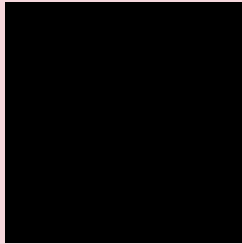
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8749, 73.1807, 77.8891

Background



This preview shows how black text looks on a background with the XYZ color 74.8749, 73.1807, 77.8891.

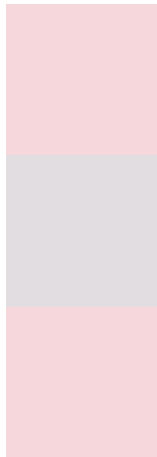


This preview shows how white text looks on a background with the XYZ color 74.8749, 73.1807,

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

74.8749, 73.1807, 77.8891

Protanopia

70.6750, 73.2635, 80.9373

Deuteranopia

74.8749, 73.1807, 77.8891



Tritanopia

76.0832, 72.8945, 84.9229

Trichromacy



Original Color

74.8749, 73.1807, 77.8891

Protanomaly

72.2551, 73.3144, 80.1549

Deuteranomaly

74.8749, 73.1807, 77.8891

Tritanomaly

75.7801, 73.1770, 82.0820

Monochromacy



Original Color

74.8749, 73.1807, 77.8891

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4544, 74.1964, 80.3146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8749, 73.1807, 77.8891 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(245, 215, 220) looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 220)  
}
```

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(245, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.8749, 73.1807, 77.8891 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(245, 215, 220) }
```


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

```
.border{ border-color:rgb(245, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8749, 73.1807, 77.8891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 220) }
```

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

```
.background{ background-color: rgb(245,  
215, 220) }
```

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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