

Converting Colors

XYZ(74.5499, 73.0490, 78.0517)

Have a look what the booklet for
XYZ(74.5499, 73.0490, 78.0517)
contains.

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Color

**XYZ(74.5269, 73.0013,
77.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D7DC
RGB	244, 215, 220
RGB Percent	96%, 84%, 86%
CMY	0.0431, 0.1568, 0.1372
CMYK	0.00, 0.12, 0.10, 0.04
HSL	350°, 57%, 90%
HSV	350°, 12%, 96%
XYZ	74.5269, 73.0013, 77.8728
YIQ	224.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

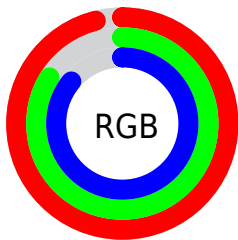
Format	Color
R _Y B	244, 215, 220
Decimal	16046044
CIE Lab	88.45, 10.86, 1.23
CIE LCh	88, 10.925, 6.447
Yxy	73.0013, 0.3306, 0.3239
Android (android.graphics.Color)	4294236124 (0xFFF4D7DC)
YUV	224.2410, -2.0908, 17.3286
Hunter-Lab	85.4408, 6.1777, 5.7702

Details

The XYZ color **74.5269, 73.0013, 77.8728** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9578, 85.3822, 94.1425**, and the grayscale version is **71.0322, 74.7314, 81.3825**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1014, 38.5496, 40.9246** is the 20% darker color. If you saturate the color by 10%, you get **66.2561, 60.4842, 62.7069**, and if you desaturate by 10%, it is **84.0516, 87.5073, 95.0527**.

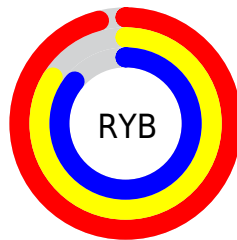
Distribution



Red (96%)

Green (84%)

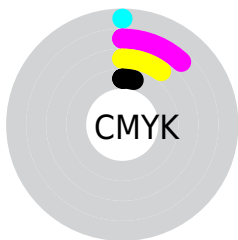
Blue (86%)



Red (96%)

Yellow (84%)

Blue (86%)

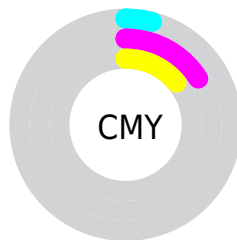


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5269, 73.0013, 77.8728 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 74.5269, 73.0013, 77.8728 by changing the saturation by 10% instead.


 74.5269, 73.0013,
77.8728

 74.5269, 73.0013,
77.8728


465.3122,
471.0193, 507.2512

 55.5182, 53.9770,
57.4537


124.6339,
123.4791, 132.1550

 40.0522, 38.5833,
40.9578


156.4630,
155.7013, 166.8552

 27.7637, 26.4357,
27.9667


193.2962,
193.0917, 207.1528

 18.2871, 17.1499,
18.0617

235.4989,
236.0346, 253.4664

 11.2573, 10.3414,
10.8244

283.4365,
284.9144, 306.2145

 6.3087, 5.6259,
5.8362

337.4744,

 3.0761, 2.6190,

340.1156, 365.8156

2.6786

397.9778,
402.0224, 432.6883

■ 1.1942, 0.9362,
0.9326

■ 0.1017, 0.0000,
0.0000

■ 74.5269, 73.0013,
77.8728

■ 74.5269, 73.0013,
77.8728

■ 66.2561, 60.4842,
62.7069

■ 84.0516, 87.5073,
95.0527

■ 59.1806, 49.8599,
49.4763

■ 91.1185, 97.9733,
108.7160

■ 53.2466, 41.0390,
38.1040

■ 48.3933, 33.9210,
28.5060

■ 44.5544, 28.3953,
20.5918

■ 41.6562, 24.3386,
14.2627

■ 39.6147, 21.6091,
9.4094

■ 38.3300, 20.0366,
5.9081

■ 37.7272, 19.4007,
3.9504

Harmonies

Analogous

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



74.1198, 73.0013, 85.4082



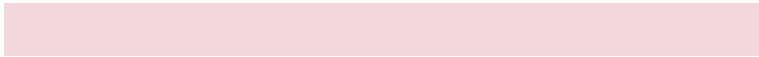
74.5269, 73.0013, 77.8728



73.5287, 73.0013, 71.1979

Triad

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



74.5269, 73.0013, 77.8728



66.4278, 73.0013, 68.4076



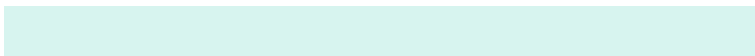
67.3865, 73.0013, 93.4984

Complementary

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



74.5269, 73.0013, 77.8728



75.9578, 85.3822, 94.1425

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.



65.4010, 73.0013, 88.3936



74.5269, 73.0013, 77.8728



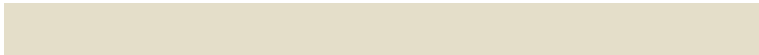
64.8573, 73.0013, 73.8441

Square

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



74.5269, 73.0013, 77.8728



68.8200, 73.0013, 65.9601



64.4863, 73.0013, 81.1213



69.9542, 73.0013, 94.7450

Rectangle

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



74.5269, 73.0013, 77.8728



72.2151, 73.0013, 68.0293



64.4863, 73.0013, 81.1213



66.6309, 73.0013, 92.1618

Sweetspot

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



74.5290, 73.0045, 77.8744



90.5522, 93.1320, 100.8416



76.1216, 73.4316, 95.7504



19.2063, 19.6663, 21.2687



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.



74.5290, 73.0045, 77.8744



80.3021, 77.5406, 82.2915



76.2812, 77.5521, 75.2426



16.6156, 16.5291, 17.7225



20.5479, 10.5626, 2.3274



1.8383, 0.9413, 0.3750

Inverse Universe

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



74.5290, 73.0045, 77.8744



80.3021, 77.5406, 82.2915



74.0119, 80.2928, 97.1859



16.6156, 16.5291, 17.7225



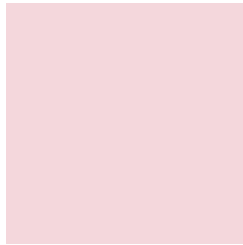
20.5479, 10.5626, 2.3274



1.8383, 0.9413, 0.3750

Previews

White Background



This preview shows how the XYZ color 74.5269, 73.0013, 77.8728 looks on a white background.

Color Contrast Check

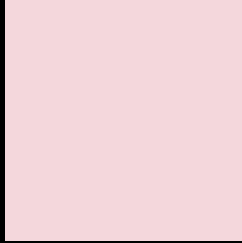
Large Text (above 18pt) WCAG AA × Fail

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 74.5269, 73.0013, 77.8728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

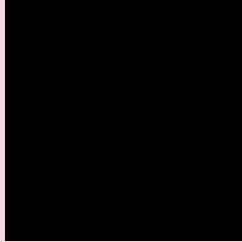
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5269, 73.0013, 77.8728

Background



This preview shows how black text looks on a background with the XYZ color 74.5269, 73.0013, 77.8728.



This preview shows how white text looks on a background with the XYZ color 74.5269, 73.0013,

77.8728.

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

74.5269, 73.0013, 77.8728

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

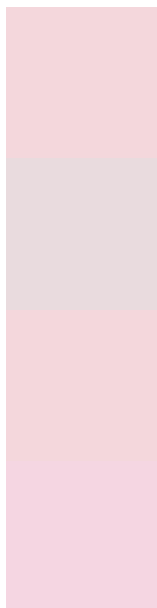
74.5269, 73.0013, 77.8728



Tritanopia

75.7334, 72.7141, 84.9066

Trichromacy



Original Color

74.5269, 73.0013, 77.8728

Protanomaly

72.1206, 73.2606, 79.4468

Deuteranomaly

74.5269, 73.0013, 77.8728

Tritanomaly

75.4302, 72.9966, 82.0657

Monochromacy



Original Color

74.5269, 73.0013, 77.8728

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.1307, 74.0295, 80.2995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5269, 73.0013, 77.8728 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(244, 215, 220) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.5269, 73.0013, 77.8728 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(244, 215, 220) }
```


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

```
.border{ border-color:rgb(244, 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(244, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5269, 73.0013, 77.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 220) }
```

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

```
.background{ background-color: rgb(244,  
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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