

Converting Colors

XYZ(74.7955, 73.3138, 77.3020)

Have a look what the booklet for
XYZ(74.7955, 73.3138, 77.3020)
contains.

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Color

**XYZ(74.7428, 73.1278,
77.1935)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D7DB
RGB	245, 215, 219
RGB Percent	96%, 84%, 86%
CMY	0.0392, 0.1568, 0.1412
CMYK	0.00, 0.12, 0.11, 0.04
HSL	352°, 60%, 90%
HSV	352°, 12%, 96%
XYZ	74.7428, 73.1278, 77.1935
YIQ	224.4260, 16.5960, 7.6040

Conversions

Conversions Part 2

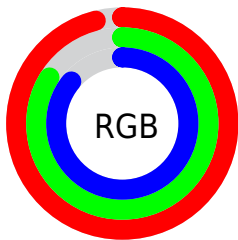
Format	Color
R _Y B	245, 215, 219
Decimal	16111579
CIE Lab	88.51, 11.04, 1.85
CIE LCh	89, 11.195, 9.523
Yxy	73.1278, 0.3321, 0.3249
Android (android.graphics.Color)	4294301659 (0xFFFF5D7DB)
YUV	224.4260, -2.6750, 18.0434
Hunter-Lab	85.5148, 6.3641, 6.3398

Details

The XYZ color **74.7428, 73.1278, 77.1935** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5568, 86.1046, 95.8082**, and the grayscale version is **71.1682, 74.8745, 81.5383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2579, 38.6408, 40.4586** is the 20% darker color. If you saturate the color by 10%, you get **66.3457, 60.5254, 61.4698**, and if you desaturate by 10%, it is **84.4349, 87.7477, 95.1103**.

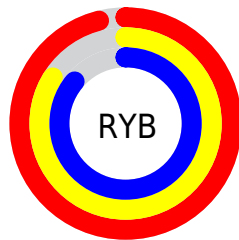
Distribution



Red (96%)

Green (84%)

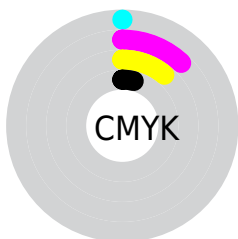
Blue (86%)



Red (96%)

Yellow (84%)

Blue (86%)

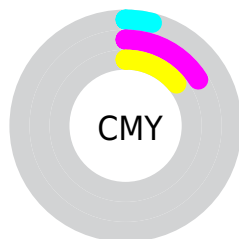


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7428, 73.1278, 77.1935 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 74.7428, 73.1278, 77.1935 by changing the saturation by 10% instead.


 74.7428, 73.1278,
77.1935

 74.7428, 73.1278,
77.1935


466.0439,
471.4576, 504.8787

 55.6956, 54.0805,
56.8992


124.9381,
123.6586, 131.1881

 40.1950, 38.6660,
40.5155


156.8169,
155.9109, 165.7255

 27.8755, 26.5000,
27.6239


193.7037,
193.3336, 205.8476

 18.3718, 17.1981,
17.8057

235.9637,
236.3112, 251.9730

 11.3186, 10.3758,
10.6426

283.9624,
285.2280, 304.5203

 6.3504, 5.6488,
5.7159

338.0651,

 3.1020, 2.6327,

340.4684, 363.9080

2.6071

398.6371,
402.4168, 430.5546

■ 1.2079, 0.9432,
0.8961

■ 0.1126, 0.0000,
0.0000

■ 74.7428, 73.1278,
77.1935

■ 74.7428, 73.1278,
77.1935

■ 66.3457, 60.5254,
61.4698

■ 84.4349, 87.7477,
95.1103

■ 59.1827, 49.8427,
47.8504

■ 91.4666, 98.1527,
108.7323

■ 53.1971, 40.9882,
36.2468

■ 48.3254, 33.8593,
26.5631

■ 44.4981, 28.3430,
18.6949

■ 41.6376, 24.3130,
12.5282

■ 39.6554, 21.6240,
7.9356

■ 38.4462, 20.1013,
4.7715

■ 37.9260, 19.5205,
3.1812

Harmonies

Analogous

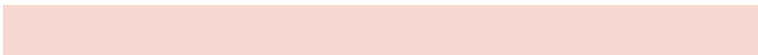
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4744, 73.1278, 84.9294



74.7428, 73.1278, 77.1935



73.5802, 73.1278, 70.5474

Triad

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



74.7428, 73.1278, 77.1935



66.2598, 73.1278, 68.7155



67.7086, 73.1278, 94.3522

Complementary

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



74.7428, 73.1278, 77.1935



76.5568, 86.1046, 95.8082

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.



65.5846, 73.1278, 89.4469



74.7428, 73.1278, 77.1935



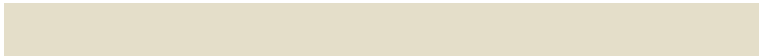
64.7632, 73.1278, 74.5438

Square

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



74.7428, 73.1278, 77.1935



68.6519, 73.1278, 65.8655



64.5193, 73.1278, 82.1045



70.3667, 73.1278, 95.1757

Rectangle

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



74.7428, 73.1278, 77.1935



72.1674, 73.1278, 67.5057



64.5193, 73.1278, 82.1045



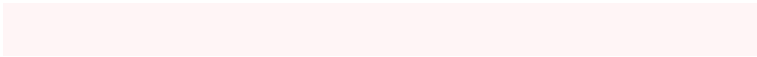
66.9104, 73.1278, 93.1116

Sweetspot

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



74.7448, 73.1310, 77.1951



90.4909, 93.1074, 100.5187



77.0597, 73.8975, 96.5892



19.1909, 19.6602, 21.1873



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.



74.7448, 73.1310, 77.1951



79.1525, 76.0226, 79.5006



77.1205, 78.7142, 75.4225



16.5890, 16.5184, 17.5822



20.4594, 10.5272, 1.8619



1.8258, 0.9363, 0.3088

Inverse Universe

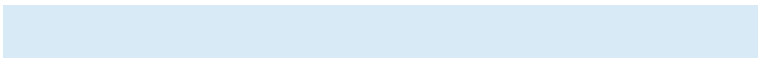
The Inverse Universe completely reimagines the original color for something new.



74.7448, 73.1310, 77.1951



79.1525, 76.0226, 79.5006



73.9312, 79.8878, 97.9104



16.5890, 16.5184, 17.5822



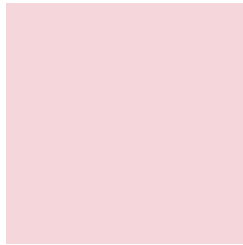
20.4594, 10.5272, 1.8619



1.8258, 0.9363, 0.3088

Previews

White Background



This preview shows how the XYZ color 74.7428, 73.1278, 77.1935 looks on a white background.

Color Contrast Check

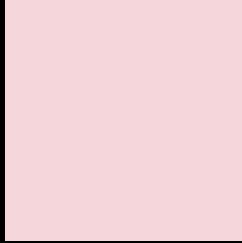
Large Text (above 18pt) WCAG AA × Fail

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 74.7428, 73.1278, 77.1935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

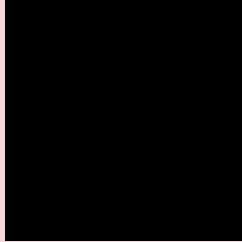
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7428, 73.1278, 77.1935

Background



This preview shows how black text looks on a background with the XYZ color 74.7428, 73.1278, 77.1935.



This preview shows how white text looks on a background with the XYZ color 74.7428, 73.1278,

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

74.7428, 73.1278, 77.1935

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

74.7428, 73.1278, 77.1935



Tritanopia

76.0832, 72.8945, 84.9229

Trichromacy



Original Color

74.7428, 73.1278, 77.1935

Protanomaly

72.1206, 73.2606, 79.4468

Deuteranomaly

74.7428, 73.1278, 77.1935

Tritanomaly

75.7801, 73.1770, 82.0820

Monochromacy



Original Color

74.7428, 73.1278, 77.1935

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3200, 74.1426, 79.6065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7428, 73.1278, 77.1935 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.7428, 73.1278, 77.1935 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, 219) }
```


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

```
.border{ border-color:rgb(245, 215, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7428, 73.1278, 77.1935 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, 219) }
```

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

```
.background{ background-color: rgb(245,  
215, 219) }
```

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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