

Converting Colors

XYZ(75.1972, 70.7597, 77.0795)

Have a look what the booklet for
XYZ(75.1972, 70.7597, 77.0795)
contains.

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Color

**XYZ(75.2578, 70.7883,
77.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0DC
RGB	251, 208, 220
RGB Percent	98%, 82%, 86%
CMY	0.0157, 0.1843, 0.1372
CMYK	0.00, 0.17, 0.12, 0.02
HSL	343°, 84%, 90%
HSV	343°, 17%, 98%
XYZ	75.2578, 70.7883, 77.4071
YIQ	222.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

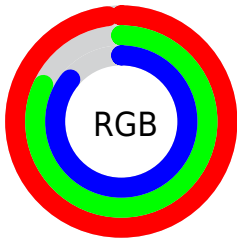
Format	Color
R _Y B	251, 208, 220
Decimal	16503004
CIE Lab	87.38, 16.95, -0.25
CIE LCh	87, 16.956, 359.140
Yxy	70.7883, 0.3368, 0.3168
Android (android.graphics.Color)	4294693084 (0xFFFB0DC)
YUV	222.2250, -1.0969, 25.2357
Hunter-Lab	84.1358, 12.4271, 4.3467

Details

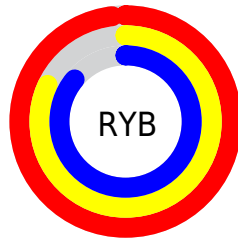
The XYZ color **75.2578, 70.7883, 77.4071** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0924, 88.6381, 94.7641**, and the grayscale version is **69.5885, 73.2125, 79.7285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4309, 36.9684, 40.6020** is the 20% darker color. If you saturate the color by 10%, you get **67.3474, 58.5973, 63.5784**, and if you desaturate by 10%, it is **84.4001, 85.0262, 92.9283**.

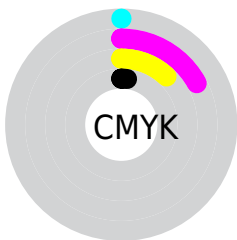
Distribution



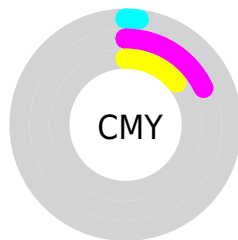
- Red (98%)
- Green (82%)
- Blue (86%)



- Red (98%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2578, 70.7883, 77.4071 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 75.2578, 70.7883, 77.4071 by changing the saturation by 10% instead.

 75.2578, 70.7883,
77.4071

 75.2578, 70.7883,
77.4071


467.7867,
463.3130, 505.6254

 56.1190, 52.1695,
57.0735


125.6632,
120.3322, 131.4922

 40.5357, 37.1402,
40.6545


157.6605,
152.0261, 166.0809

 28.1426, 25.3160,
27.7316


194.6747,
188.8471, 206.2582

 18.5742, 16.3127,
17.8861

237.0712,
231.1797, 252.4429

 11.4652, 9.7457,
10.6997

285.2153,
279.4082, 305.0534

 6.4502, 5.2307,
5.7536

339.4723,

 3.1640, 2.3832,

333.9169, 364.5083

2.6295

400.2077,
395.0904, 431.2261

■ 1.2411, 0.8172,
0.9076

■ 0.1384, 0.0000,
0.0000

■ 75.2578, 70.7883,
77.4071

■ 75.2578, 70.7883,
77.4071

■ 67.3474, 58.5973,
63.5784

■ 84.4001, 85.0262,
92.9283

■ 60.6093, 48.3495,
51.3792

■ 93.5940, 99.2494,
108.8319

■ 54.9876, 39.9465,
40.7491

■ 50.4197, 33.2774,
31.6220

■ 46.8363, 28.2192,
23.9271

■ 44.1596, 24.6328,
17.5869

■ 42.2988, 22.3550,
12.5160

■ 41.1399, 21.1769,
8.6159

■ 40.8904, 20.9520,
7.6879

Harmonies

Analogous

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



74.0931, 70.7883, 88.9190



75.2578, 70.7883, 77.4071



74.2161, 70.7883, 66.8538

Triad

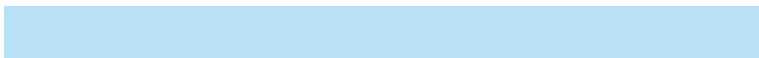
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2578, 70.7883, 77.4071



63.6110, 70.7883, 59.4159



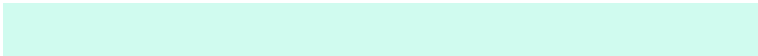
63.4188, 70.7883, 97.5428

Complementary

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



75.2578, 70.7883, 77.4071



76.0924, 88.6381, 94.7641

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.



60.7941, 70.7883, 88.2914



75.2578, 70.7883, 77.4071



60.9020, 70.7883, 66.3350

Square

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



75.2578, 70.7883, 77.4071



67.3975, 70.7883, 57.1079



59.8909, 70.7883, 76.7467



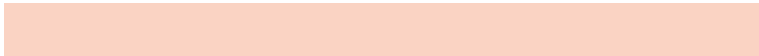
67.1669, 70.7883, 101.2290

Rectangle

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



75.2578, 70.7883, 77.4071



72.4330, 70.7883, 61.6084



59.8909, 70.7883, 76.7467



62.3814, 70.7883, 94.9384

Sweetspot

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



75.2598, 70.7915, 77.4086



89.6716, 91.5552, 99.9794



75.5056, 70.3990, 100.8764



19.0374, 19.3522, 21.1392



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

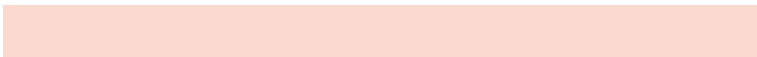
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2598, 70.7915, 77.4086



74.6769, 68.2215, 74.4627



76.0657, 74.8554, 70.1178



17.4436, 17.3048, 18.9258



21.5464, 11.0343, 4.3199



2.0386, 1.0392, 0.6265

Inverse Universe

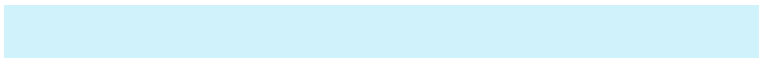
The Inverse Universe completely reimagines the original color for something new.



75.2598, 70.7915, 77.4086



74.6769, 68.2215, 74.4627



75.0854, 83.6930, 103.4645



17.4436, 17.3048, 18.9258



21.5464, 11.0343, 4.3199



2.0386, 1.0392, 0.6265

Previews

White Background



This preview shows how the XYZ color 75.2578, 70.7883, 77.4071 looks on a white background.

Color Contrast Check

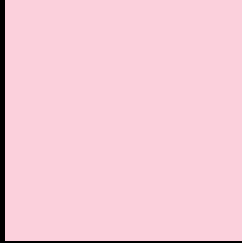
Large Text (above 18pt) WCAG AA × Fail

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 75.2578, 70.7883, 77.4071 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 75.2578, 70.7883, 77.4071

Background



This preview shows how black text looks on a background with the XYZ color 75.2578, 70.7883, 77.4071.



This preview shows how white text looks on a background with the XYZ color 75.2578, 70.7883,

77.4071.

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

75.2578, 70.7883, 77.4071

Protanopia

68.6177, 71.0059, 82.0405

Deuteranopia

72.2648, 70.7267, 76.8607



Tritanopia

75.5510, 70.5167, 80.1501

Trichromacy



Original Color

75.2578, 70.7883, 77.4071

Protanomaly

70.7798, 70.6308, 80.4236

Deuteranomaly

73.3887, 70.9361, 76.8419

Tritanomaly

75.4158, 70.4626, 79.4378

Monochromacy



Original Color

75.2578, 70.7883, 77.4071

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.4683, 72.1698, 78.5700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2578, 70.7883, 77.4071 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(251, 208, 220)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 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(251, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.2578, 70.7883, 77.4071 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(251, 208, 220) }
```


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

```
.border{ border-color:rgb(251, 208, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2578, 70.7883, 77.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 220) }
```

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

```
.background{ background-color: rgb(251,  
208, 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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