

Converting Colors

XYZ(76.3348, 71.8592, 74.0229)

Have a look what the booklet for
XYZ(76.3348, 71.8592, 74.0229)
contains.

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Color

**XYZ(76.3062, 71.7672,
74.1207)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D7
RGB	255, 209, 215
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1804, 0.1569
CMYK	0.00, 0.18, 0.16, 0.00
HSL	352°, 100%, 91%
HSV	352°, 18%, 100%
XYZ	76.3062, 71.7672, 74.1207
YIQ	223.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

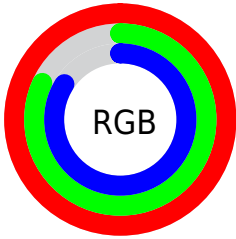
Format	Color
R _Y B	255, 209, 215
Decimal	16765399
CIE Lab	87.86, 17.05, 3.13
CIE LCh	88, 17.332, 10.391
Yxy	71.7672, 0.3434, 0.3230
Android (android.graphics.Color)	4294955479 (0xFFFFD1D7)
YUV	223.4380, -4.1599, 27.6799
Hunter-Lab	84.7155, 12.5290, 7.4259

Details

The XYZ color **76.3062, 71.7672, 74.1207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1558, 91.9160, 103.1959**, and the grayscale version is **70.4682, 74.1380, 80.7363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1895, 37.6550, 38.3549** is the 20% darker color. If you saturate the color by 10%, you get **67.8842, 59.1786, 58.1948**, and if you desaturate by 10%, it is **86.1191, 86.5190, 92.4177**.

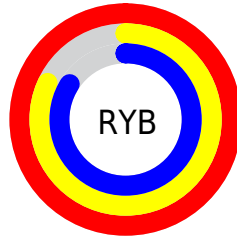
Distribution



Red (100%)

Green (82%)

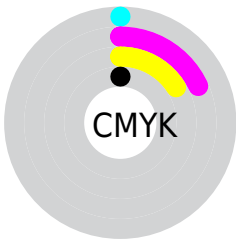
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

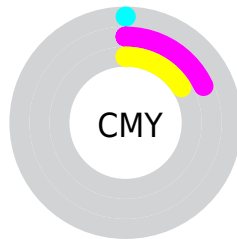


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3062, 71.7672, 74.1207 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 76.3062, 71.7672, 74.1207 by changing the saturation by 10% instead.

 76.3062, 71.7672,
74.1207

 76.3062, 71.7672,
74.1207

471.3235,
466.7309, 494.0644

 56.9816, 52.9685,
54.3954


127.1377,
121.7255, 126.8025

 41.2305, 37.7776,
38.5226


159.3753,
153.6539, 160.5962

 28.6877, 25.8102,
26.0836


196.6479,
190.7277, 199.9163

 18.9878, 16.6817,
16.6598

239.3208,
233.3312, 245.1816

 11.7654, 10.0078,
9.8329

287.7595,
281.8489, 296.8105

 6.6552, 5.4041,
5.1841

342.3293,

 3.2918, 2.4863,

336.6652, 355.2216

2.2951

403.3955,
398.1644, 420.8334

■ 1.3099, 0.8698,
0.7285

■ 0.1906, 0.0000,
0.0000

■ 76.3062, 71.7672,
74.1207

■ 76.3062, 71.7672,
74.1207

■ 67.8842, 59.1786,
58.1948

■ 86.1191, 86.5190,
92.4177

■ 60.7852, 48.6427,
44.5384

95.0500, 100.0000,
108.9000

■ 54.9429, 40.0533,
33.0491

■ 50.2835, 33.2907,
23.6150

■ 46.7250, 28.2223,
16.1139

■ 44.1754, 24.6973,
10.4105

■ 42.5267, 22.5382,
6.3520

■ 41.6377, 21.5060,
3.7561

■ 41.5179, 21.3712,
3.3933

Harmonies

Analogous

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



75.9516, 71.7672, 86.0074



76.3062, 71.7672, 74.1207



74.4268, 71.7672, 64.3415

Triad

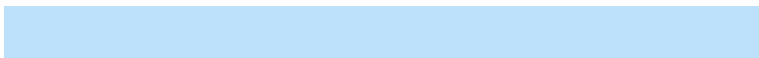
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3062, 71.7672, 74.1207



63.2062, 71.7672, 62.1027



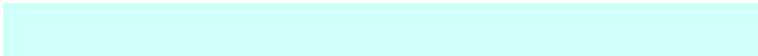
65.5880, 71.7672, 101.5254

Complementary

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



76.3062, 71.7672, 74.1207



79.1558, 91.9160, 103.1959

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.



62.3543, 71.7672, 93.7875



76.3062, 71.7672, 74.1207



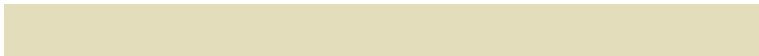
61.0180, 71.7672, 70.7719

Square

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



76.3062, 71.7672, 74.1207



66.7935, 71.7672, 57.8809



60.7125, 71.7672, 82.3068



69.6516, 71.7672, 102.6534

Rectangle

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



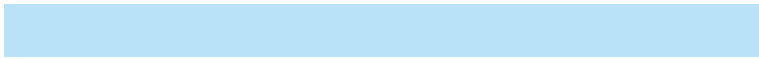
76.3062, 71.7672, 74.1207



72.2025, 71.7672, 60.0280



60.7125, 71.7672, 82.3068



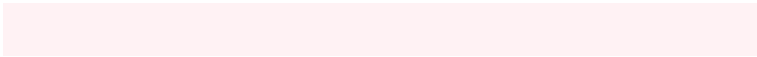
64.3724, 71.7672, 99.5769

Sweetspot

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



76.3079, 71.7703, 74.1222



89.3824, 91.4395, 98.4565



79.8716, 72.9393, 104.4767



18.9673, 19.3241, 20.7703



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

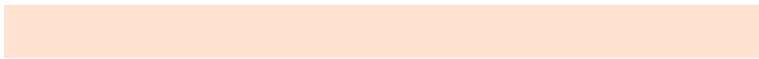
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3079, 71.7703, 74.1222



72.8069, 66.5274, 67.5319



79.9105, 80.1861, 71.5913



18.1057, 18.0256, 19.1739



21.7235, 11.1787, 1.9285



2.1437, 1.0998, 0.3379

Inverse Universe

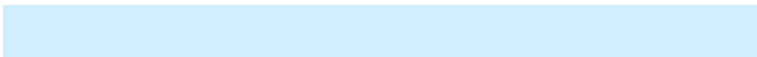
The Inverse Universe completely reimagines the original color for something new.



76.3079, 71.7703, 74.1222



72.8069, 66.5274, 67.5319



74.9602, 82.0042, 106.4853



18.1057, 18.0256, 19.1739



21.7235, 11.1787, 1.9285



2.1437, 1.0998, 0.3379

Previews

White Background



This preview shows how the XYZ color 76.3062, 71.7672, 74.1207 looks on a white background.

Color Contrast Check

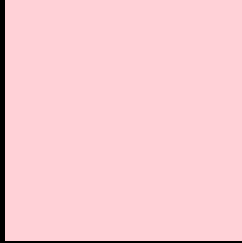
Large Text (above 18pt) WCAG AA × Fail

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 76.3062, 71.7672, 74.1207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

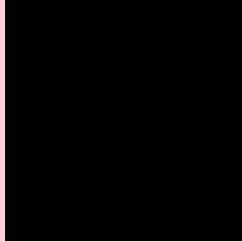
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3062, 71.7672, 74.1207

Background



This preview shows how black text looks on a background with the XYZ color 76.3062, 71.7672, 74.1207.



This preview shows how white text looks on a background with the XYZ color 76.3062, 71.7672,

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

76.3062, 71.7672, 74.1207

Protanopia

69.1231, 71.7308, 78.6089

Deuteranopia

73.2401, 71.6766, 73.5931



Tritanopia

77.2504, 71.7536, 80.2993

Trichromacy



Original Color

76.3062, 71.7672, 74.1207

Protanomaly

71.3476, 71.3775, 77.0346

Deuteranomaly

74.3925, 71.8985, 73.5752

Tritanomaly

76.8470, 71.5922, 78.1750

Monochromacy



Original Color

76.3062, 71.7672, 74.1207

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.2506, 72.9723, 77.9872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3062, 71.7672, 74.1207 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, 209, 215) looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 215)  
}
```

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, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.3062, 71.7672, 74.1207 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, 209, 215) }
```


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

```
.border{ border-color:rgb(255, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3062, 71.7672, 74.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 215) }
```

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

```
.background{ background-color: rgb(255,  
209, 215) }
```

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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