

Converting Colors

XYZ(74.6633, 71.7297, 76.4426)

Have a look what the booklet for
XYZ(74.6633, 71.7297, 76.4426)
contains.

XYZ(74.6606, 71.6069, 76.2162)	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(74.6606, 71.6069,
76.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3DA
RGB	248, 211, 218
RGB Percent	97%, 83%, 85%
CMY	0.0274, 0.1725, 0.1451
CMYK	0.00, 0.15, 0.12, 0.03
HSL	349°, 73%, 90%
HSV	349°, 15%, 97%
XYZ	74.6606, 71.6069, 76.2162
YIQ	222.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

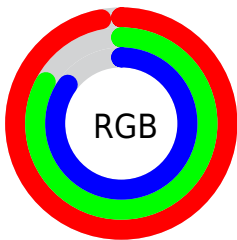
Format	Color
R _Y B	248, 211, 218
Decimal	16307162
CIE Lab	87.78, 14.02, 1.35
CIE LCh	88, 14.081, 5.502
Yxy	71.6069, 0.3356, 0.3219
Android (android.graphics.Color)	4294497242 (0xFFF8D3DA)
YUV	222.8610, -2.3965, 22.0469
Hunter-Lab	84.6209, 9.4032, 5.8334

Details

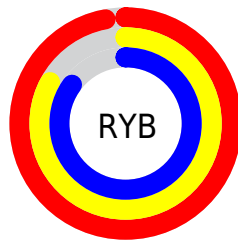
The XYZ color **74.6606, 71.6069, 76.2162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3114, 87.3365, 96.0589**, and the grayscale version is **70.0489, 73.6969, 80.2559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9852, 37.4976, 39.7807** is the 20% darker color. If you saturate the color by 10%, you get **66.4946, 59.2334, 61.2888**, and if you desaturate by 10%, it is **84.1005, 86.0155, 93.1453**.

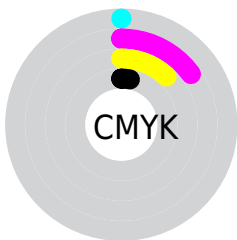
Distribution



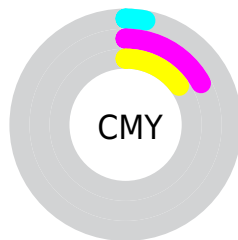
- Red (97%)
- Green (83%)
- Blue (85%)



- Red (97%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6606, 71.6069, 76.2162 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 74.6606, 71.6069, 76.2162 by changing the saturation by 10% instead.


 74.6606, 71.6069,
76.2162

 74.6606, 71.6069,
76.2162


465.7654,
466.1722, 501.4540

 55.6281, 52.8376,
56.1021


124.8223,
121.4975, 129.7954

 40.1406, 37.6732,
39.8802

156.6822,
153.3876, 164.0975

 27.8329, 25.7291,
27.1321


193.5486,
190.4201, 203.9660

 18.3396, 16.6211,
17.4391

235.7868,
232.9793, 249.8195

 11.2952, 9.9647,
10.3828

283.7622,
281.4498, 302.0766

 6.3345, 5.3756,
5.5446

337.8402,

 3.0921, 2.4693,

336.2158, 361.1556

2.5059

398.3862,
397.6618, 427.4752

■ 1.2027, 0.8612,
0.8433

■ 0.1085, 0.0000,
0.0000

■ 74.6606, 71.6069,
76.2162

■ 74.6606, 71.6069,
76.2162

■ 66.4946, 59.2334,
61.2888

■ 84.1005, 86.0155,
93.1453

■ 59.5415, 48.7939,
48.2841

■ 92.5218, 98.6967,
108.7817

■ 53.7447, 40.1933,
37.1246

■ 49.0402, 33.3243,
27.7255

■ 45.3578, 28.0689,
19.9957

■ 42.6191, 24.2937,
13.8352

■ 40.7337, 21.8442,
9.1330

■ 39.5922, 20.5311,
5.7625

■ 39.2228, 20.1611,
4.5026

Harmonies

Analogous

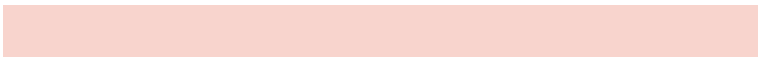
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0781, 71.6069, 85.8526



74.6606, 71.6069, 76.2162



73.4280, 71.6069, 67.7590

Triad

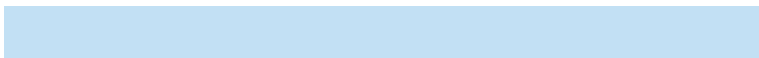
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6606, 71.6069, 76.2162



64.3954, 71.6069, 63.9217



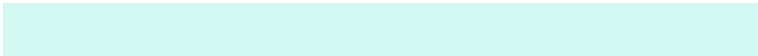
65.4296, 71.6069, 95.9464

Complementary

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



74.6606, 71.6069, 76.2162



76.3114, 87.3365, 96.0589

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.



62.9606, 71.6069, 89.1536



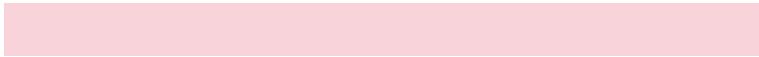
74.6606, 71.6069, 76.2162



62.3774, 71.6069, 70.5811

Square

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



74.6606, 71.6069, 76.2162



67.4458, 71.6069, 61.0427



61.8608, 71.6069, 79.7459



68.6783, 71.6069, 97.7634

Rectangle

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



74.6606, 71.6069, 76.2162



71.7659, 71.6069, 63.7598



61.8608, 71.6069, 79.7459



64.4843, 71.6069, 94.1435

Sweetspot

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



74.6626, 71.6101, 76.2177



90.5786, 93.1425, 100.9807



76.3791, 71.9996, 98.6796



19.2130, 19.6690, 21.3038



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

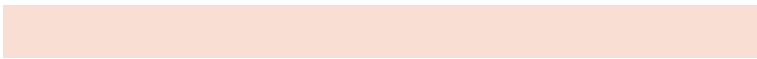
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6626, 71.6101, 76.2177



76.6911, 71.9604, 76.0263



76.6194, 76.9581, 72.4479



17.3787, 17.2788, 18.5839



21.2255, 10.9059, 2.6301



2.0006, 1.0240, 0.4265

Inverse Universe

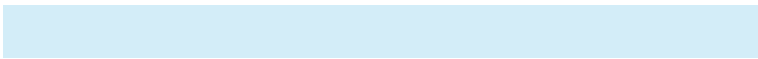
The Inverse Universe completely reimagines the original color for something new.



74.6626, 71.6101, 76.2177



76.6911, 71.9604, 76.0263



74.0651, 81.1391, 100.5657



17.3787, 17.2788, 18.5839



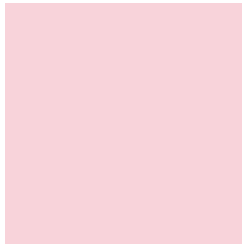
21.2255, 10.9059, 2.6301



2.0006, 1.0240, 0.4265

Previews

White Background



This preview shows how the XYZ color 74.6606, 71.6069, 76.2162 looks on a white background.

Color Contrast Check

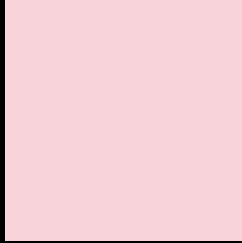
Large Text (above 18pt) WCAG AA × Fail

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 74.6606, 71.6069, 76.2162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

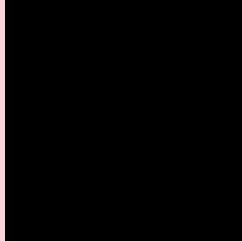
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6606, 71.6069, 76.2162

Background



This preview shows how black text looks on a background with the XYZ color 74.6606, 71.6069, 76.2162.

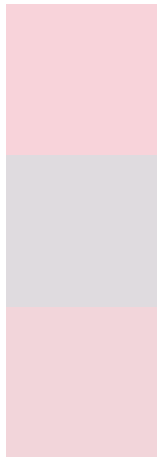


This preview shows how white text looks on a background with the XYZ color 74.6606, 71.6069,

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

74.6606, 71.6069, 76.2162

Protanopia

69.0822, 71.6787, 80.0064

Deuteranopia

73.0671, 71.5277, 76.2848



Tritanopia

75.8410, 71.7239, 81.7984

Trichromacy



Original Color

74.6606, 71.6069, 76.2162

Protanomaly

70.8857, 71.4880, 78.4691

Deuteranomaly

73.5066, 71.3820, 76.2336

Tritanomaly

75.4328, 71.5606, 79.6489

Monochromacy



Original Color

74.6606, 71.6069, 76.2162

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6614, 73.0393, 78.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6606, 71.6069, 76.2162 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(248, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 218)  
}
```

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(248, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.6606, 71.6069, 76.2162 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(248, 211, 218) }
```


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

```
.border{ border-color:rgb(248, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6606, 71.6069, 76.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 218) }
```

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

```
.background{ background-color: rgb(248,  
211, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor