

Converting Colors

XYZ(74.1566, 71.9311, 74.4602)

Have a look what the booklet for
XYZ(74.1566, 71.9311, 74.4602)
contains.

XYZ(74.1670, 71.7674, 74.2335)	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(74.1670, 71.7674,
74.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4D7
RGB	247, 212, 215
RGB Percent	97%, 83%, 84%
CMY	0.0314, 0.1686, 0.1569
CMYK	0.00, 0.14, 0.13, 0.03
HSL	355°, 69%, 90%
HSV	355°, 14%, 97%
XYZ	74.1670, 71.7674, 74.2335
YIQ	222.8070, 19.8970, 8.3530

Conversions

Conversions Part 2

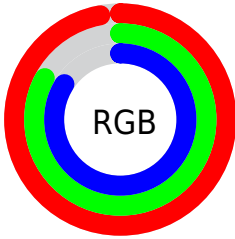
Format	Color
R _Y B	247, 212, 215
Decimal	16241879
CIE Lab	87.86, 12.66, 3.04
CIE LCh	88, 13.023, 13.486
Yxy	71.7674, 0.3369, 0.3260
Android (android.graphics.Color)	4294431959 (0xFFF7D4D7)
YUV	222.8070, -3.8489, 21.2173
Hunter-Lab	84.7156, 8.0211, 7.3471

Details

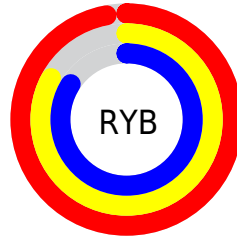
The XYZ color **74.1670, 71.7674, 74.2335** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7441, 87.0520, 98.3500**, and the grayscale version is **70.0205, 73.6670, 80.2234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6373, 37.5992, 38.4260** is the 20% darker color. If you saturate the color by 10%, you get **65.7540, 59.2691, 58.0856**, and if you desaturate by 10%, it is **83.9293, 86.3214, 92.8095**.

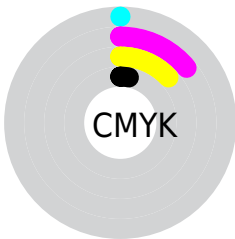
Distribution



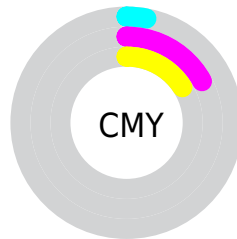
- Red (97%)
- Green (83%)
- Blue (84%)



- Red (97%)
- Yellow (83%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1670, 71.7674, 74.2335 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 74.1670, 71.7674, 74.2335 by changing the saturation by 10% instead.

 74.1670, 71.7674,
74.2335

 74.1670, 71.7674,
74.2335

464.0910,
466.7316, 494.4638

 55.2225, 52.9687,
54.4872


124.1267,
121.7258, 126.9639

 39.8144, 37.7778,
38.5955


155.8727,
153.6542, 160.7850

 27.5775, 25.8103,
26.1398

192.6165,
190.7281, 200.1349

 18.1462, 16.6817,
16.7015

234.7235,
233.3317, 245.4320

 11.1553, 10.0078,
9.8622

282.5591,
281.8494, 297.0949

 6.2395, 5.4042,
5.2033

336.4887,

 3.0333, 2.4863,

336.6657, 355.5422

2.3062

396.8775,
398.1650, 421.1923

■ 1.1714, 0.8698,
0.7347

■ 0.0836, 0.0000,
0.0000

■ 74.1670, 71.7674,
74.2335

■ 74.1670, 71.7674,
74.2335

■ 65.7540, 59.2691,
58.0856

■ 83.9293, 86.3214,
92.8095

■ 58.6250, 48.7248,
44.2610

■ 92.1681, 98.5143,
108.7651

■ 52.7187, 40.0385,
32.6541

■ 47.9661, 33.1025,
23.1493

■ 44.2914, 27.7978,
15.6205

■ 41.6096, 23.9908,
9.9281

■ 39.8232, 21.5267,
5.9142

■ 38.8140, 20.2167,
3.3939

■ 38.4948, 19.8290,
2.5150

Harmonies

Analogous

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



74.0810, 71.7674, 83.0895



74.1670, 71.7674, 74.2335



72.6238, 71.7674, 66.9870

Triad

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



74.1670, 71.7674, 74.2335



64.1974, 71.7674, 66.4139



66.5346, 71.7674, 95.6547

Complementary

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



74.1670, 71.7674, 74.2335



76.7441, 87.0520, 98.3500

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.



63.9841, 71.7674, 90.4724



74.1670, 71.7674, 74.2335



62.6629, 71.7674, 73.3958

Square

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



74.1670, 71.7674, 74.2335



66.8338, 71.7674, 62.7083



62.5860, 71.7674, 82.1864



69.6105, 71.7674, 95.9217

Rectangle

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



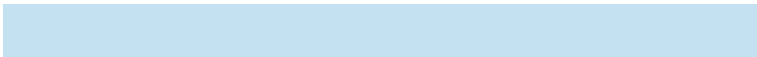
74.1670, 71.7674, 74.2335



70.9050, 71.7674, 63.8577



62.5860, 71.7674, 82.1864



65.5896, 71.7674, 94.4129

Sweetspot

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



74.1690, 71.7706, 74.2350



90.4163, 93.0776, 100.1263



77.4691, 72.9494, 97.9940



19.1721, 19.6527, 21.0884



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.



74.1690, 71.7706, 74.2350



77.0083, 73.0970, 74.5838



77.4399, 78.9229, 73.4434



16.5567, 16.5055, 17.4122



20.3792, 10.4951, 1.4393



1.8105, 0.9301, 0.2283

Inverse Universe

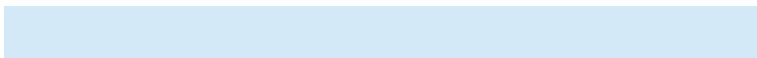
The Inverse Universe completely reimagines the original color for something new.



74.1690, 71.7706, 74.2350



77.0083, 73.0970, 74.5838



73.0815, 78.9929, 99.3918



16.5567, 16.5055, 17.4122



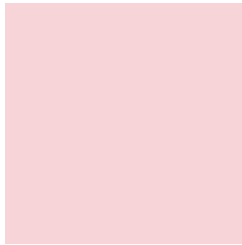
20.3792, 10.4951, 1.4393



1.8105, 0.9301, 0.2283

Previews

White Background



This preview shows how the XYZ color 74.1670, 71.7674, 74.2335 looks on a white background.

Color Contrast Check

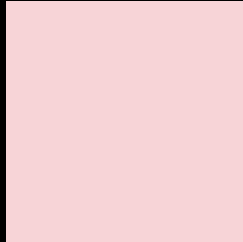
Large Text (above 18pt) WCAG AA × Fail

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 74.1670, 71.7674, 74.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

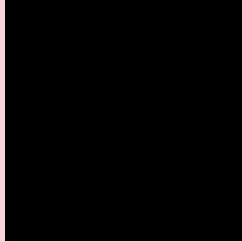
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1670, 71.7674, 74.2335

Background



This preview shows how black text looks on a background with the XYZ color 74.1670, 71.7674, 74.2335.



This preview shows how white text looks on a background with the XYZ color 74.1670, 71.7674,

74.2335.

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

74.1670, 71.7674, 74.2335

Protanopia

69.1690, 71.7851, 77.2281

Deuteranopia

73.3682, 71.7279, 74.2679



Tritanopia

75.9786, 71.7790, 82.5233

Trichromacy



Original Color

74.1670, 71.7674, 74.2335

Protanomaly

70.8150, 71.4973, 76.3977

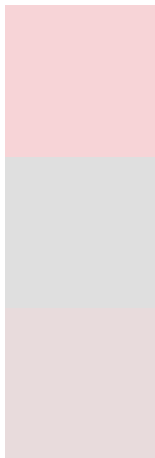
Deuteranomaly

73.7162, 71.9073, 74.2842

Tritanomaly

75.3249, 71.8727, 79.7148

Monochromacy



Original Color

74.1670, 71.7674, 74.2335

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5285, 72.9861, 78.0279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1670, 71.7674, 74.2335 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(247, 212, 215) looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 215) }
```

Border

The CSS property to change the border of an element to XYZ 74.1670, 71.7674, 74.2335 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(247, 212, 215) }
```


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

```
.border{ border-color:rgb(247, 212, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1670, 71.7674, 74.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 215) }
```

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

```
.background{ background-color: rgb(247,  
212, 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](#).

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