

Converting Colors

XYZ(74.6615, 71.8686, 80.4361)

Have a look what the booklet for
XYZ(74.6615, 71.8686, 80.4361)
contains.

XYZ(74.6542, 71.8813, 80.4608)	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(74.6542, 71.8813,
80.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D4E0
RGB	245, 212, 224
RGB Percent	96%, 83%, 88%
CMY	0.0392, 0.1686, 0.1216
CMYK	0.00, 0.13, 0.09, 0.04
HSL	338°, 62%, 90%
HSV	338°, 13%, 96%
XYZ	74.6542, 71.8813, 80.4608
YIQ	223.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

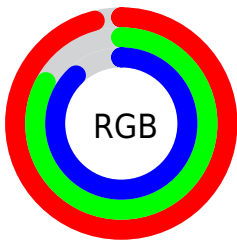
Format	Color
R _Y B	245, 212, 224
Decimal	16110816
CIE Lab	87.91, 13.43, -1.66
CIE LCh	88, 13.535, 352.960
Yxy	71.8813, 0.3289, 0.3167
Android (android.graphics.Color)	4294300896 (0xFFFF5D4E0)
YUV	223.2350, 0.3771, 19.0879
Hunter-Lab	84.7828, 8.8054, 3.0805

Details

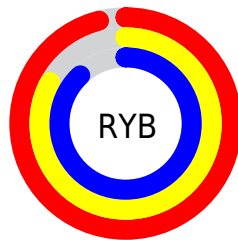
The XYZ color **74.6542, 71.8813, 80.4608** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5145, 85.1869, 89.6102**, and the grayscale version is **70.2975, 73.9585, 80.5408**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2047, 37.7973, 42.7127** is the 20% darker color. If you saturate the color by 10%, you get **66.9699, 59.7425, 67.9401**, and if you desaturate by 10%, it is **83.4659, 85.9626, 94.3158**.

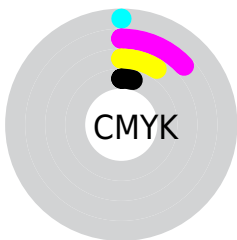
Distribution



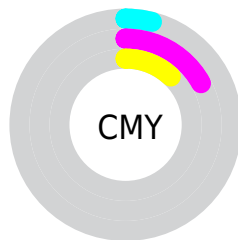
- Red (96%)
- Green (83%)
- Blue (88%)



- Red (96%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6542, 71.8813, 80.4608 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 74.6542, 71.8813, 80.4608 by changing the saturation by 10% instead.


 74.6542, 71.8813,
80.4608

 74.6542, 71.8813,
80.4608


465.7437,
467.1283, 516.2321

 55.6228, 53.0617,
59.5692


124.8133,
121.8878, 135.8306

 40.1364, 37.8520,
42.6485


156.6717,
153.8434, 171.1460

 27.8296, 25.8679,
29.2801


193.5365,
190.9466, 212.1063

 18.3370, 16.7248,
19.0454

235.7730,
233.5816, 259.1302

 11.2934, 10.0385,
11.5259

283.7466,
282.1329, 312.6362

 6.3333, 5.4245,
6.3032

337.8227,

 3.0914, 2.4984,

336.9848, 373.0428

2.9585

398.3666,
398.5219, 440.7686

■ 1.2023, 0.8758,
1.0735

■ 0.1081, 0.0000,
0.0000

■ 74.6542, 71.8813,
80.4608

■ 74.6542, 71.8813,
80.4608

■ 66.9699, 59.7425,
67.9401

■ 83.4659, 85.9626,
94.3158

■ 60.3598, 49.4511,
56.7080

■ 91.4665, 98.1527,
108.7323

■ 54.7758, 40.9183,
46.7224

■ 50.1632, 34.0440,
37.9373

■ 46.4623, 28.7183,
30.3035

■ 43.6063, 24.8175,
23.7676

■ 41.5184, 22.1989,
18.2712

■ 40.1064, 20.6892,
13.7487

■ 39.4627, 20.1351,
11.2735

Harmonies

Analogous

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



73.3851, 71.8813, 89.4452



74.6542, 71.8813, 80.4608



74.1842, 71.8813, 71.5490

Triad

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



74.6542, 71.8813, 80.4608



65.9333, 71.8813, 63.0433



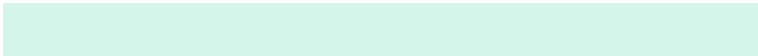
64.6576, 71.8813, 93.2964

Complementary

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



74.6542, 71.8813, 80.4608



74.5145, 85.1869, 89.6102

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.



62.7752, 71.8813, 85.3919



74.6542, 71.8813, 80.4608



63.4954, 71.8813, 68.0603

Square

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



74.6542, 71.8813, 80.4608



69.0830, 71.8813, 61.9489



62.3565, 71.8813, 76.1125



67.5647, 71.8813, 97.2239

Rectangle

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



74.6542, 71.8813, 80.4608



72.9547, 71.8813, 66.7898



62.3565, 71.8813, 76.1125



63.8878, 71.8813, 90.9879

Sweetspot

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



74.6562, 71.8845, 80.4623



90.8542, 93.2528, 102.4320



73.5991, 70.9898, 96.2103



19.2826, 19.6968, 21.6701



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

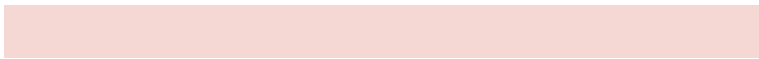
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6562, 71.8845, 80.4623



79.4847, 75.1134, 84.4620



74.2008, 73.4861, 72.5647



16.7481, 16.5821, 18.4202



21.3197, 10.8713, 6.3918



1.9213, 0.9745, 0.8121

Inverse Universe

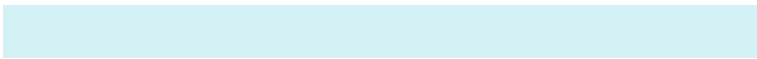
The Inverse Universe completely reimagines the original color for something new.



74.6562, 71.8845, 80.4623



79.4847, 75.1134, 84.4620



74.9722, 83.2656, 98.5074



16.7481, 16.5821, 18.4202



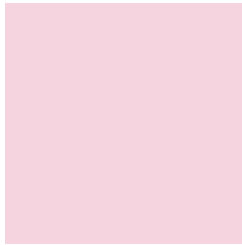
21.3197, 10.8713, 6.3918



1.9213, 0.9745, 0.8121

Previews

White Background



This preview shows how the XYZ color 74.6542, 71.8813, 80.4608 looks on a white background.

Color Contrast Check

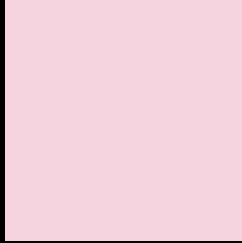
Large Text (above 18pt) WCAG AA × Fail

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 74.6542, 71.8813, 80.4608 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 74.6542, 71.8813, 80.4608

Background



This preview shows how black text looks on a background with the XYZ color 74.6542, 71.8813, 80.4608.



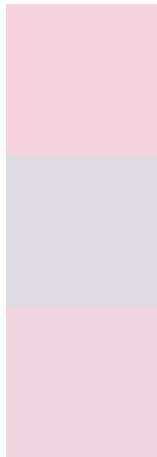
This preview shows how white text looks on a background with the XYZ color 74.6542, 71.8813,

80.4608.

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

74.6542, 71.8813, 80.4608

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

73.4363, 72.0002, 80.5479



Tritanopia

75.3039, 71.7828, 83.2853

Trichromacy



Original Color

74.6542, 71.8813, 80.4608

Protanomaly

71.0541, 71.4808, 82.7253

Deuteranomaly

73.8667, 71.8476, 80.4958

Tritanomaly

75.1654, 71.7274, 82.5562

Monochromacy



Original Color

74.6542, 71.8813, 80.4608

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6058, 72.9797, 80.1245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6542, 71.8813, 80.4608 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, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 224)  
}
```

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, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.6542, 71.8813, 80.4608 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, 212, 224) }
```


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

```
.border{ border-color:rgb(245, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6542, 71.8813, 80.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 224) }
```

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

```
.background{ background-color: rgb(245,  
212, 224) }
```

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