

Converting Colors

XYZ(89.5427, 76.6332, 72.5703)

Have a look what the booklet for
XYZ(89.5427, 76.6332, 72.5703)
contains.

XYZ(74.4796, 68.7253, 71.6272)	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(74.4796, 68.7253,
71.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBD4
RGB	255, 203, 212
RGB Percent	100%, 80%, 83%
CMY	0.0000, 0.2039, 0.1686
CMYK	0.00, 0.20, 0.17, 0.00
HSL	350°, 100%, 90%
HSV	350°, 20%, 100%
XYZ	74.4796, 68.7253, 71.6272
YIQ	219.5740, 28.1030, 13.8230

Conversions

Conversions Part 2

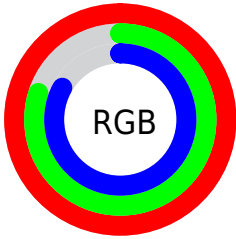
Format	Color
R _Y B	255, 203, 212
Decimal	16763860
CIE Lab	86.37, 19.73, 2.56
CIE LCh	86, 19.891, 7.380
Yxy	68.7253, 0.3467, 0.3199
Android (android.graphics.Color)	4294953940 (0xFFFFCBD4)
YUV	219.5740, -3.7340, 31.0686
Hunter-Lab	82.9007, 15.2916, 6.8032

Details

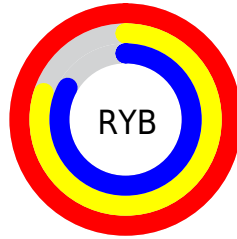
The XYZ color **74.4796, 68.7253, 71.6272** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0255, 90.8715, 100.6727**, and the grayscale version is **67.7436, 71.2715, 77.6147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1220, 35.9350, 36.7198** is the 20% darker color. If you saturate the color by 10%, you get **66.4567, 56.6623, 56.6744**, and if you desaturate by 10%, it is **83.8436, 82.9140, 88.7430**.

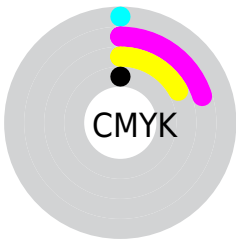
Distribution



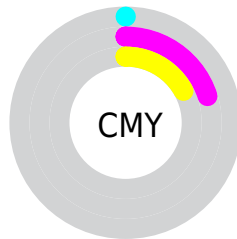
- Red (100%)
- Green (80%)
- Blue (83%)



- Red (100%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4796, 68.7253, 71.6272 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 74.4796, 68.7253, 71.6272 by changing the saturation by 10% instead.


 74.4796, 68.7253,
71.6272

 74.4796, 68.7253,
71.6272


465.1518,
456.0615, 485.1856

 55.4793, 50.4880,
52.3692


124.5673,
117.3891, 123.2291

 40.0210, 35.8013,
36.9152


156.3854,
148.5845, 156.4102

 27.7392, 24.2808,
24.8466


193.2069,
184.8680, 195.0693

 18.2686, 15.5420,
15.7448

235.3971,
226.6240, 239.6251

 11.2439, 9.2007,
9.1914

283.3213,
274.2370, 290.4961

 6.2996, 4.8723,
4.7677

337.3449,

 3.0705, 2.1725,

328.0913, 348.1008

2.0553

397.8333,
388.5714, 412.8578

■ 1.1911, 0.7050,
0.5890

■ 0.0994, 0.0000,
0.0000

■ 74.4796, 68.7253,
71.6272

■ 74.4796, 68.7253,
71.6272

■ 66.4567, 56.6623,
56.6744

■ 83.8436, 82.9140,
88.7430

■ 59.7084, 46.6141,
43.7939

94.6016, 99.3146,
108.0990

■ 54.1695, 38.4730,
32.8946

95.0500, 100.0000,
108.9000

■ 49.7674, 32.1178,
23.8773

■ 46.4213, 27.4134,
16.6335

■ 44.0394, 24.2051,
11.0439

■ 42.5135, 22.3089,
6.9732

■ 41.6968, 21.4427,
4.3356

Harmonies

Analogous

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



73.8198, 68.7253, 84.9887



74.4796, 68.7253, 71.6272



72.5955, 68.7253, 60.4976

Triad

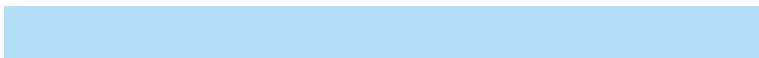
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4796, 68.7253, 71.6272



60.1037, 68.7253, 56.4729



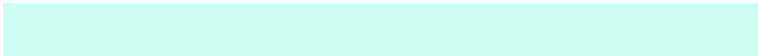
61.9822, 68.7253, 100.6975

Complementary

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



74.4796, 68.7253, 71.6272



77.0255, 90.8715, 100.6727

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.



58.5501, 68.7253, 91.2645



74.4796, 68.7253, 71.6272



57.5015, 68.7253, 65.5152

Square

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



74.4796, 68.7253, 71.6272



64.1932, 68.7253, 52.4397



56.9464, 68.7253, 78.1272



66.4627, 68.7253, 102.8290

Rectangle

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



74.4796, 68.7253, 71.6272



70.2001, 68.7253, 55.4798



56.9464, 68.7253, 78.1272



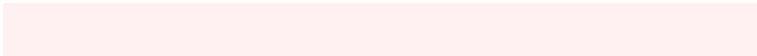
60.6741, 68.7253, 98.2260

Sweetspot

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



74.4812, 68.7283, 71.6286



88.3910, 89.8354, 96.9592



77.2270, 69.4314, 103.9390



18.7708, 19.0022, 20.4857



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.



74.4812, 68.7283, 71.6286



71.4330, 64.1329, 65.9851



77.4747, 76.4811, 67.1827



18.1376, 18.0384, 19.3418



21.8245, 11.2191, 2.4605



2.1587, 1.1059, 0.4172

Inverse Universe

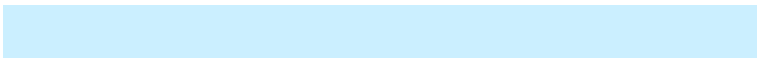
The Inverse Universe completely reimagines the original color for something new.



74.4812, 68.7283, 71.6286



71.4330, 64.1329, 65.9851



73.4109, 81.3786, 106.4462



18.1376, 18.0384, 19.3418



21.8245, 11.2191, 2.4605



2.1587, 1.1059, 0.4172

Previews

White Background



This preview shows how the XYZ color 74.4796, 68.7253, 71.6272 looks on a white background.

Color Contrast Check

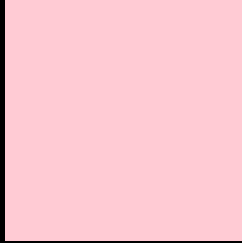
Large Text (above 18pt) WCAG AA × Fail

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 74.4796, 68.7253, 71.6272 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 74.4796, 68.7253, 71.6272

Background



This preview shows how black text looks on a background with the XYZ color 74.4796, 68.7253, 71.6272.



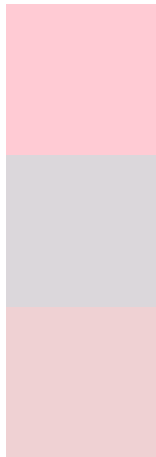
This preview shows how white text looks on a background with the XYZ color 74.4796, 68.7253,

71.6272.

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

74.4796, 68.7253, 71.6272

Protanopia

66.3000, 68.7754, 76.7984

Deuteranopia

70.1549, 68.6548, 71.1822



Tritanopia

75.0154, 68.5630, 75.6099

Trichromacy



Original Color

74.4796, 68.7253, 71.6272

Protanomaly

68.9676, 68.7022, 74.5916

Deuteranomaly

71.7269, 68.7413, 71.1160

Tritanomaly

74.7552, 68.4589, 74.2396

Monochromacy



Original Color

74.4796, 68.7253, 71.6272

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1752, 70.4265, 75.5407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4796, 68.7253, 71.6272 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, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 212)  
}
```

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, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 212) }
```

Border

The CSS property to change the border of an element to XYZ 74.4796, 68.7253, 71.6272 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, 203, 212) }
```


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

```
.border{ border-color:rgb(255, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4796, 68.7253, 71.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 212) }
```

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

```
.background{ background-color: rgb(255,  
203, 212) }
```

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