

Converting Colors

XYZ(74.5827, 69.1457, 71.0015)

Have a look what the booklet for
XYZ(74.5827, 69.1457, 71.0015)
contains.

XYZ(74.5907, 69.1489, 71.0437)	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(74.5907, 69.1489,
71.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD3
RGB	255, 204, 211
RGB Percent	100%, 80%, 83%
CMY	0.0000, 0.2000, 0.1725
CMYK	0.00, 0.20, 0.17, 0.00
HSL	352°, 100%, 90%
HSV	352°, 20%, 100%
XYZ	74.5907, 69.1489, 71.0437
YIQ	220.0470, 28.1490, 12.9890

Conversions

Conversions Part 2

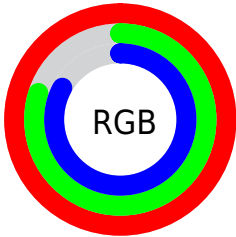
Format	Color
R _Y B	255, 204, 211
Decimal	16764115
CIE Lab	86.58, 19.05, 3.39
CIE LCh	87, 19.350, 10.092
Yxy	69.1489, 0.3473, 0.3219
Android (android.graphics.Color)	4294954195 (0xFFFFCCD3)
YUV	220.0470, -4.4602, 30.6538
Hunter-Lab	83.1558, 14.5917, 7.5550

Details

The XYZ color **74.5907, 69.1489, 71.0437** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6076, 91.1359, 102.3115**, and the grayscale version is **68.0782, 71.6236, 77.9981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2809, 36.2528, 36.7727** is the 20% darker color. If you saturate the color by 10%, you get **66.4466, 56.9767, 55.6392**, and if you desaturate by 10%, it is **84.1081, 83.4626, 88.7702**.

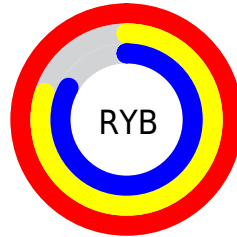
Distribution



Red (100%)

Green (80%)

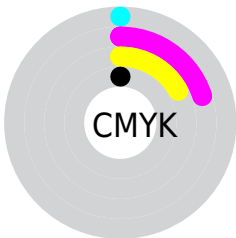
Blue (83%)



Red (100%)

Yellow (80%)

Blue (83%)

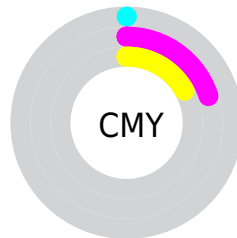


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5907, 69.1489, 71.0437 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 74.5907, 69.1489, 71.0437 by changing the saturation by 10% instead.


 74.5907, 69.1489,
71.0437

 74.5907, 69.1489,
71.0437

465.5285,
457.5560, 483.0940

 55.5706, 50.8330,
51.8958


124.7238,
117.9942, 122.3910

 40.0944, 36.0757,
36.5404

156.5676,
149.2924, 155.4275

 27.7967, 24.4927,
24.5588


193.4166,
185.6868, 193.9305

 18.3121, 15.6995,
15.5326

235.6363,
227.5619, 238.3188

 11.2754, 9.3118,
9.0433

283.5920,
275.3019, 289.0107

 6.3210, 4.9451,
4.6722

337.6490,

 3.0838, 2.2151,

329.2913, 346.4248

2.0009

398.1727,
389.9145, 410.9797

■ 1.1982, 0.7282,
0.5558

■ 0.1050, 0.0000,
0.0000

■ 74.5907, 69.1489,
71.0437

■ 74.5907, 69.1489,
71.0437

■ 66.4466, 56.9767,
55.6392

■ 84.1081, 83.4626,
88.7702

■ 59.6071, 46.8344,
42.4562

95.0500, 100.0000,
108.9000

■ 54.0054, 38.6140,
31.3930

■ 49.5667, 32.1939,
22.3383

■ 46.2080, 27.4383,
15.1704

■ 43.8350, 24.1926,
9.7544

■ 42.3368, 22.2724,
5.9368

■ 41.5432, 21.3814,
3.5264

■ 41.5431, 21.3812,
3.5260

Harmonies

Analogous

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



74.1756, 69.1489, 84.0239



74.5907, 69.1489, 71.0437



72.5487, 69.1489, 60.4712

Triad

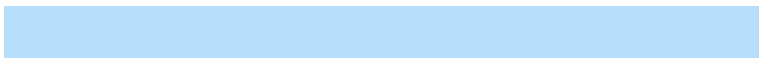
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5907, 69.1489, 71.0437



60.3220, 69.1489, 57.9240



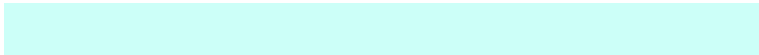
62.8292, 69.1489, 100.9994

Complementary

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



74.5907, 69.1489, 71.0437



77.6076, 91.1359, 102.3115

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.



59.3412, 69.1489, 92.3543



74.5907, 69.1489, 71.0437



57.9400, 69.1489, 67.1859

Square

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



74.5907, 69.1489, 71.0437



64.2235, 69.1489, 53.4877



57.5893, 69.1489, 79.7051



67.2476, 69.1489, 102.3366

Rectangle

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



74.5907, 69.1489, 71.0437



70.1211, 69.1489, 55.8373



57.5893, 69.1489, 79.7051



61.5146, 69.1489, 98.8087

Sweetspot

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



74.5924, 69.1519, 71.0451



88.3086, 89.8024, 96.5253



78.1260, 70.2467, 104.0490



18.7514, 18.9944, 20.3835



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

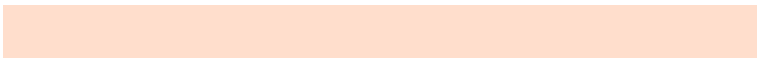
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5924, 69.1519, 71.0451



71.1711, 64.0281, 64.6059



78.2224, 77.7850, 68.0219



18.1108, 18.0276, 19.2007



21.7379, 11.1844, 2.0042



2.1460, 1.1008, 0.3505

Inverse Universe

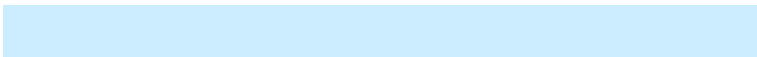
The Inverse Universe completely reimagines the original color for something new.



74.5924, 69.1519, 71.0451



71.1711, 64.0281, 64.6059



73.2818, 80.7148, 106.3249



18.1108, 18.0276, 19.2007



21.7379, 11.1844, 2.0042



2.1460, 1.1008, 0.3505

Previews

White Background



This preview shows how the XYZ color 74.5907, 69.1489, 71.0437 looks on a white background.

Color Contrast Check

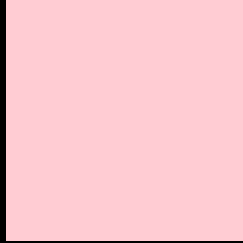
Large Text (above 18pt) WCAG AA × Fail

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 74.5907, 69.1489, 71.0437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

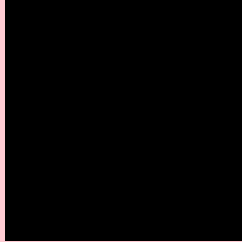
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5907, 69.1489, 71.0437

Background



This preview shows how black text looks on a background with the XYZ color 74.5907, 69.1489, 71.0437.



This preview shows how white text looks on a background with the XYZ color 74.5907, 69.1489,

71.0437.

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

74.5907, 69.1489, 71.0437

Protanopia

66.7260, 69.3893, 76.2063

Deuteranopia

70.9551, 69.4471, 70.6377



Tritanopia

75.2508, 69.0338, 75.6884

Trichromacy



Original Color

74.5907, 69.1489, 71.0437

Protanomaly

69.4135, 69.3169, 74.0110

Deuteranomaly

72.1948, 69.3577, 70.5551

Tritanomaly

74.8617, 68.8782, 73.6392

Monochromacy



Original Color

74.5907, 69.1489, 71.0437

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 74.5907, 69.1489, 71.0437 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, 204, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 211)  
}
```

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, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 211) }
```

Border

The CSS property to change the border of an element to XYZ 74.5907, 69.1489, 71.0437 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, 204, 211) }
```


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

```
.border{ border-color:rgb(255, 204, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5907, 69.1489, 71.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 211) }
```

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

```
.background{ background-color: rgb(255,  
204, 211) }
```

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