

Converting Colors

XYZ(123.8337, 96.4836,
68.4529)

Have a look what the booklet for
XYZ(123.8337, 96.4836, 68.4529)
contains.

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Color

**XYZ(74.8200, 71.1727,
66.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1CB
RGB	255, 209, 203
RGB Percent	100%, 82%, 80%
CMY	0.0000, 0.1804, 0.2039
CMYK	0.00, 0.18, 0.20, 0.00
HSL	7°, 100%, 90%
HSV	7°, 20%, 100%
XYZ	74.8200, 71.1727, 66.2942
YIQ	222.0700, 29.3420, 7.8860

Conversions

Conversions Part 2

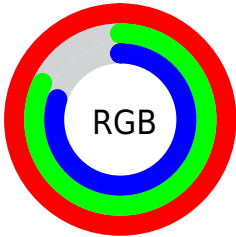
Format	Color
R _Y B	255, 210, 203
Decimal	16765387
CIE Lab	87.57, 15.25, 9.05
CIE LCh	88, 17.736, 30.698
Yxy	71.1727, 0.3524, 0.3353
Android (android.graphics.Color)	4294955467 (0xFFFFD1CB)
YUV	222.0700, -9.4015, 28.8796
Hunter-Lab	84.3639, 10.6698, 12.4639

Details

The XYZ color **74.8200, 71.1727, 66.2942** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5533, 87.6653, 107.4940**, and the grayscale version is **69.5318, 73.1529, 79.6635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2691, 37.2869, 33.5084** is the 20% darker color. If you saturate the color by 10%, you get **66.8799, 59.7624, 49.8679**, and if you desaturate by 10%, it is **84.0467, 84.3560, 85.6170**.

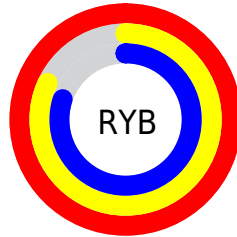
Distribution



Red (100%)

Green (82%)

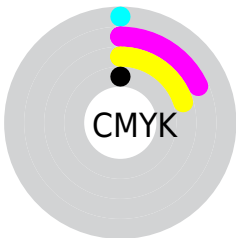
Blue (80%)



Red (100%)

Yellow (82%)

Blue (80%)

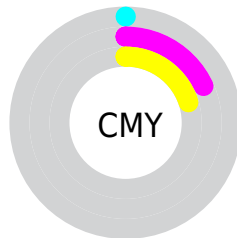


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8200, 71.1727, 66.2942 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 74.8200, 71.1727, 66.2942 by changing the saturation by 10% instead.


 74.8200, 71.1727,
66.2942

 74.8200, 71.1727,
66.2942


466.3054,
464.6569, 465.8612

 55.7591, 52.4831,
48.0533


125.0468,
120.8796, 115.5395

 40.2460, 37.3903,
33.5088

156.9434,
152.6657, 147.3810

 27.9155, 25.5098,
22.2422

193.8493,
189.5862, 184.5930

 18.4021, 16.4573,
13.8350

236.1298,
232.0253, 227.5942

 11.3405, 9.8483,
7.8685

284.1503,
280.3676, 276.8031

 6.3653, 5.2985,
3.9244

338.2762,

 3.1112, 2.4235,

334.9973, 332.6382

1.5839

398.8728,
396.2990, 395.5181

■ 1.2129, 0.8379,
0.2793

■ 0.1165, 0.0000,
0.0000

■ 74.8200, 71.1727,
66.2942

■ 74.8200, 71.1727,
66.2942

■ 66.8799, 59.7624,
49.8679

■ 84.0467, 84.3560,
85.6170

■ 60.1644, 50.0405,
36.1942

94.6086, 99.3737,
107.9619

■ 54.6134, 41.9295,
25.1235

95.0500, 100.0000,
108.9000

■ 50.1603, 35.3420,
16.4903

■ 46.7310, 30.1825,
10.1098

■ 44.2428, 26.3444,
5.7709

■ 42.5991, 23.7061,
3.2223

■ 41.6904, 22.1608,
2.0801

Harmonies

Analogous

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



76.0342, 71.1727, 77.2140



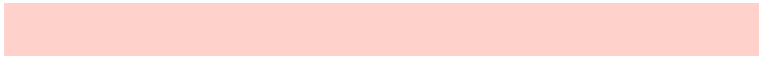
74.8200, 71.1727, 66.2942



71.6708, 71.1727, 59.0520

Triad

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



74.8200, 71.1727, 66.2942



60.8571, 71.1727, 66.7343



67.7458, 71.1727, 102.9536

Complementary

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



74.8200, 71.1727, 66.2942



76.5533, 87.6653, 107.4940

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.



63.7777, 71.1727, 99.4263



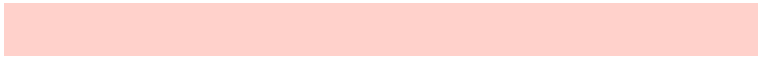
74.8200, 71.1727, 66.2942



59.9014, 71.1727, 77.7767

Square

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



74.8200, 71.1727, 66.2942



63.6143, 71.1727, 59.2870



60.9487, 71.1727, 89.8912



71.8477, 71.1727, 99.0944

Rectangle

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



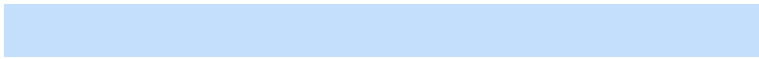
74.8200, 71.1727, 66.2942



68.9591, 71.1727, 56.8680



60.9487, 71.1727, 89.8912



66.3526, 71.1727, 102.5891

Sweetspot

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



74.8216, 71.1758, 66.2957



88.5173, 90.7207, 95.0501



79.8203, 70.8622, 99.7491



18.8005, 19.2105, 20.0363



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.



74.8216, 71.1758, 66.2957



71.8108, 66.8574, 60.0412



81.4996, 84.5318, 68.5217



18.1782, 18.3247, 18.7233



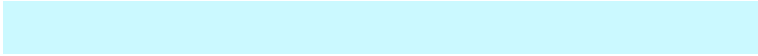
21.8373, 11.6859, 1.1046



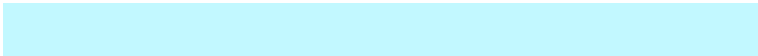
2.1780, 1.2414, 0.1248

Inverse Universe

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



76.5533, 87.6653, 107.4940



73.7936, 85.7565, 107.2711



69.2812, 73.1211, 105.0700



18.3652, 20.1021, 23.1621



23.6503, 32.2101, 54.4053



2.3514, 3.2335, 5.3135

Previews

White Background



This preview shows how the XYZ color 74.8200, 71.1727, 66.2942 looks on a white background.

Color Contrast Check

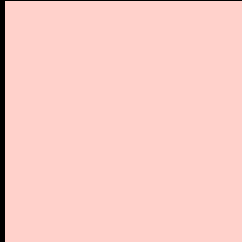
Large Text (above 18pt) WCAG AA × Fail

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 74.8200, 71.1727, 66.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

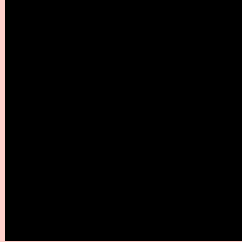
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8200, 71.1727, 66.2942

Background



This preview shows how black text looks on a background with the XYZ color 74.8200, 71.1727, 66.2942.

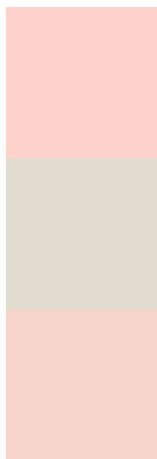


This preview shows how white text looks on a background with the XYZ color 74.8200, 71.1727,

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

74.8200, 71.1727, 66.2942

Protanopia

68.0807, 71.3859, 69.8651

Deuteranopia

72.5619, 71.1254, 65.7813



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

74.8200, 71.1727, 66.2942

Protanomaly

70.3661, 71.0616, 68.4001

Deuteranomaly

73.3793, 71.1768, 65.7481

Tritanomaly

76.0616, 71.2780, 74.0391

Monochromacy



Original Color

74.8200, 71.1727, 66.2942

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.0103, 72.0244, 74.4494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8200, 71.1727, 66.2942 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, 209, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 203)  
}
```

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, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 203) }
```

Border

The CSS property to change the border of an element to XYZ 74.8200, 71.1727, 66.2942 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, 209, 203) }
```


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

```
.border{ border-color:rgb(255, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8200, 71.1727, 66.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 203) }
```

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

```
.background{ background-color: rgb(255,  
209, 203) }
```

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](#).

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