

Converting Colors

XYZ(73.8083, 66.9280, 72.8055)

Have a look what the booklet for
XYZ(73.8083, 66.9280, 72.8055)
contains.

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Color

**XYZ(73.8010, 66.9619,
72.6535)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D6
RGB	255, 199, 214
RGB Percent	100%, 78%, 84%
CMY	0.0000, 0.2196, 0.1608
CMYK	0.00, 0.22, 0.16, 0.00
HSL	344°, 100%, 89%
HSV	344°, 22%, 100%
XYZ	73.8010, 66.9619, 72.6535
YIQ	217.4540, 28.5610, 16.5370

Conversions

Conversions Part 2

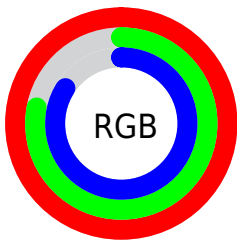
Format	Color
R _Y B	255, 199, 214
Decimal	16762838
CIE Lab	85.48, 22.13, 0.21
CIE LCh	85, 22.129, 0.532
Yxy	66.9619, 0.3458, 0.3138
Android (android.graphics.Color)	4294952918 (0xFFFFC7D6)
YUV	217.4540, -1.7028, 32.9278
Hunter-Lab	81.8303, 17.7825, 4.6402

Details

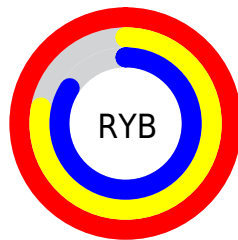
The XYZ color **73.8010, 66.9619, 72.6535** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0437, 89.9545, 95.8496**, and the grayscale version is **66.2639, 69.7147, 75.9193**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6721, 34.7598, 37.4192** is the 20% darker color. If you saturate the color by 10%, you get **66.1685, 55.2967, 59.0116**, and if you desaturate by 10%, it is **82.6931, 80.7083, 88.0655**.

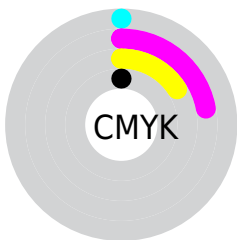
Distribution



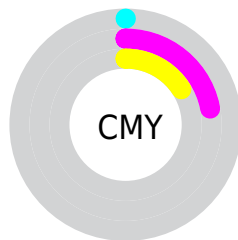
- Red (100%)
- Green (78%)
- Blue (84%)



- Red (100%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8010, 66.9619, 72.6535 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 73.8010, 66.9619, 72.6535 by changing the saturation by 10% instead.


 73.8010, 66.9619,
72.6535

 73.8010, 66.9619,
72.6535

462.8472,
449.8091, 488.8516

 54.9219, 49.0537,
53.2026


123.6107,
114.8658, 124.7015

 39.5728, 34.6621,
37.5757


155.2720,
145.6303, 158.1357

 27.3883, 23.4027,
25.3543


191.9247,
181.4490, 197.0681

 18.0032, 14.8911,
16.1198

233.9342,
222.7062, 241.9172

 11.0520, 8.7430,
9.4537

281.6658,
269.7865, 293.1016

 6.1694, 4.5739,
4.9374

335.4850,

 2.9900, 1.9995,

323.0741, 351.0397

2.1525

395.7570,
382.9535, 416.1502

■ 1.1485, 0.6072,
0.6468

■ 0.0651, 0.0000,
0.0000

■ 73.8010, 66.9619,
72.6535

■ 73.8010, 66.9619,
72.6535

■ 66.1685, 55.2967,
59.0116

■ 82.6931, 80.7083,
88.0655

■ 59.7327, 45.6025,
47.0709

■ 92.8943, 96.6218,
105.3048

■ 54.4324, 37.7719,
36.7641

95.0500, 100.0000,
108.9000

■ 50.1987, 31.6839,
28.0175

■ 46.9551, 27.2029,
20.7514

■ 44.6143, 24.1733,
14.8783

■ 43.0723, 22.4076,
10.3001

■ 42.2922, 21.6809,
7.4710

Harmonies

Analogous

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



72.4308, 66.9619, 87.3830



73.8010, 66.9619, 72.6535



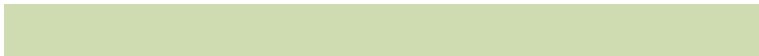
72.3331, 66.9619, 59.7401

Triad

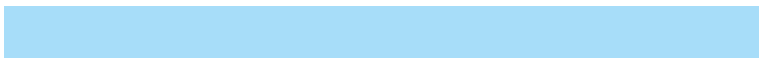
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8010, 66.9619, 72.6535



58.8632, 66.9619, 51.5838



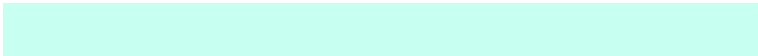
59.0108, 66.9619, 99.7442

Complementary

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



73.8010, 66.9619, 72.6535



75.0437, 89.9545, 95.8496

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.



55.6826, 66.9619, 87.8861



73.8010, 66.9619, 72.6535



55.6006, 66.9619, 60.1306

Square

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



73.8010, 66.9619, 72.6535



63.5556, 66.9619, 48.5987



54.4668, 66.9619, 73.1674



63.7350, 66.9619, 104.2183

Rectangle

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



73.8010, 66.9619, 72.6535



69.9847, 66.9619, 53.5716



54.4668, 66.9619, 73.1674



57.7007, 66.9619, 96.4187

Sweetspot

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



73.8026, 66.9648, 72.6549



87.5842, 88.3219, 96.3811



74.1171, 66.4439, 103.5263



18.6154, 18.7000, 20.4077



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.



73.8026, 66.9648, 72.6549



70.5691, 62.0046, 66.9315



74.8781, 72.0410, 63.9954



18.2091, 18.0670, 19.7184



22.1511, 11.3497, 4.1803



2.1999, 1.1223, 0.6340

Inverse Universe

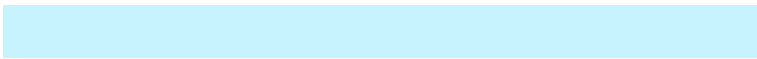
The Inverse Universe completely reimagines the original color for something new.



73.8026, 66.9648, 72.6549



70.5691, 62.0046, 66.9315



73.6159, 83.3852, 106.8227



18.2091, 18.0670, 19.7184



22.1511, 11.3497, 4.1803



2.1999, 1.1223, 0.6340

Previews

White Background



This preview shows how the XYZ color 73.8010, 66.9619, 72.6535 looks on a white background.

Color Contrast Check

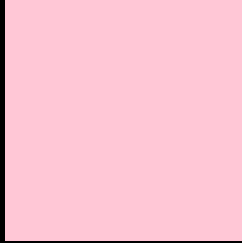
Large Text (above 18pt) WCAG AA × Fail

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 73.8010, 66.9619, 72.6535 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 73.8010, 66.9619, 72.6535

Background



This preview shows how black text looks on a background with the XYZ color 73.8010, 66.9619, 72.6535.



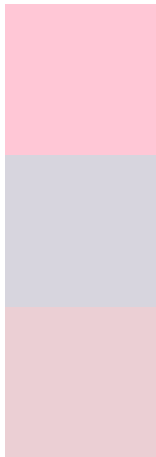
This preview shows how white text looks on a background with the XYZ color 73.8010, 66.9619,

72.6535.

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

73.8010, 66.9619, 72.6535

Protanopia

65.0034, 67.3095, 78.6732

Deuteranopia

68.4574, 67.0413, 71.6195



Tritanopia

73.8010, 66.9619, 72.6535

Trichromacy



Original Color

73.8010, 66.9619, 72.6535

Protanomaly

67.9752, 67.0492, 76.3769

Deuteranomaly

70.2211, 66.8671, 72.1564

Tritanomaly

73.8010, 66.9619, 72.6535

Monochromacy



Original Color

73.8010, 66.9619, 72.6535

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.3963, 68.0400, 74.4939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8010, 66.9619, 72.6535 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, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 214)  
}
```

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, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 73.8010, 66.9619, 72.6535 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, 199, 214) }
```


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

```
.border{ border-color:rgb(255, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8010, 66.9619, 72.6535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 214) }
```

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

```
.background{ background-color: rgb(255,  
199, 214) }
```

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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