

Converting Colors

XYZ(94.4084, 81.2409, 85.2788)

Have a look what the booklet for
XYZ(94.4084, 81.2409, 85.2788)
contains.

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Color

**XYZ(78.5695, 73.0664,
84.8251)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E6
RGB	255, 210, 230
RGB Percent	100%, 82%, 90%
CMY	0.0000, 0.1764, 0.0980
CMYK	0.00, 0.18, 0.10, 0.00
HSL	333°, 100%, 91%
HSV	333°, 18%, 100%
XYZ	78.5695, 73.0664, 84.8251
YIQ	225.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

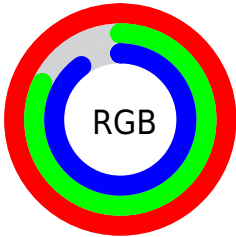
Format	Color
R _Y B	255, 210, 230
Decimal	16765670
CIE Lab	88.48, 18.91, -3.89
CIE LCh	88, 19.309, 348.373
Yxy	73.0664, 0.3323, 0.3090
Android (android.graphics.Color)	4294955750 (0xFFFFD2E6)
YUV	225.7350, 2.1026, 25.6654
Hunter-Lab	85.4789, 14.4835, 0.9987

Details

The XYZ color **78.5695, 73.0664, 84.8251** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3362, 91.2210, 92.1322**, and the grayscale version is **72.0739, 75.8274, 82.5760**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7479, 38.5436, 45.7440** is the 20% darker color. If you saturate the color by 10%, you get **70.8590, 60.7009, 72.8348**, and if you desaturate by 10%, it is **87.4483, 87.5088, 98.0046**.

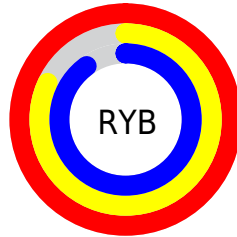
Distribution



Red (100%)

Green (82%)

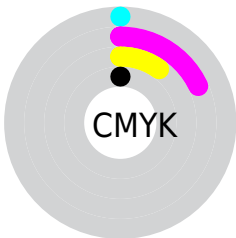
Blue (90%)



Red (100%)

Yellow (82%)

Blue (90%)

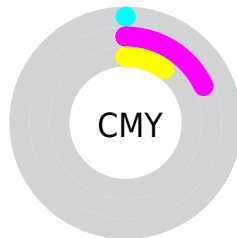


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5695, 73.0664, 84.8251 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 78.5695, 73.0664, 84.8251 by changing the saturation by 10% instead.


 78.5695, 73.0664,
84.8251

 78.5695, 73.0664,
84.8251


478.9090,
471.2449, 531.1786

 58.8463, 54.0303,
63.1476


130.3138,
123.5715, 142.0008

 42.7353, 38.6259,
45.5188


163.0655,
155.8092, 178.3360

 29.8711, 26.4688,
31.5204


200.8909,
193.2162, 220.3942

 19.8884, 17.1747,
20.7336

244.1552,
236.1770, 268.5939

 12.4217, 10.3591,
12.7401

293.2239,
285.0758, 323.3536

 7.1058, 5.6377,
7.1212

348.4621,

 3.5753, 2.6261,

340.2971, 385.0920

3.4584

410.2354,
402.2254, 454.2275

■ 1.4648, 0.9398,
1.3332

■ 0.3017, 0.0000,
0.0888

■ 78.5695, 73.0664,
84.8251

■ 78.5695, 73.0664,
84.8251

■ 70.8590, 60.7009,
72.8348

■ 87.4483, 87.5088,
98.0046

■ 64.2603, 50.3068,
61.9932

95.0500, 100.0000,
108.9000

■ 58.7201, 41.7832,
52.2638

■ 54.1780, 35.0164,
43.6063

■ 50.5677, 29.8801,
35.9771

■ 47.8139, 26.2310,
29.3289

■ 45.8283, 23.9006,
23.6091

■ 44.4961, 22.6667,
18.7546

■ 44.2388, 22.4595,
17.7215

Harmonies

Analogous

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



76.3408, 73.0664, 97.7898



78.5695, 73.0664, 84.8251



78.2745, 73.0664, 71.7626

Triad

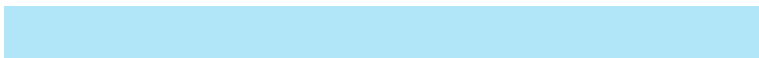
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5695, 73.0664, 84.8251



66.6697, 73.0664, 57.6641



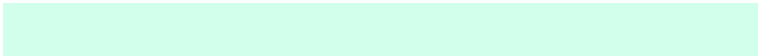
63.6809, 73.0664, 100.2527

Complementary

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



78.5695, 73.0664, 84.8251



77.3362, 91.2210, 92.1322

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.



61.3102, 73.0664, 87.8961



78.5695, 73.0664, 84.8251



62.9820, 73.0664, 63.7440

Square

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



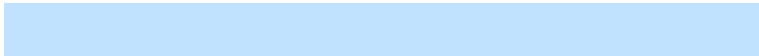
78.5695, 73.0664, 84.8251



71.2634, 73.0664, 57.0377



61.0602, 73.0664, 74.5114



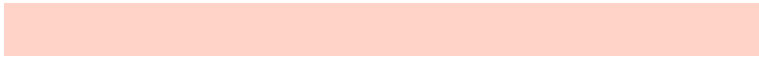
67.6626, 73.0664, 107.3377

Rectangle

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



78.5695, 73.0664, 84.8251



76.6887, 73.0664, 64.7090



61.0602, 73.0664, 74.5114



62.6770, 73.0664, 96.5183

Sweetspot

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



78.5712, 73.0695, 84.8266



89.9969, 91.6853, 101.6924



75.2775, 70.9363, 104.3323



19.1163, 19.3837, 21.5548



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.



78.5712, 73.0695, 84.8266



75.8561, 68.6932, 80.6725



76.4811, 73.1284, 71.0610



18.3448, 18.1212, 20.4329



23.1881, 11.7646, 9.6412



2.3117, 1.1671, 1.2229

Inverse Universe

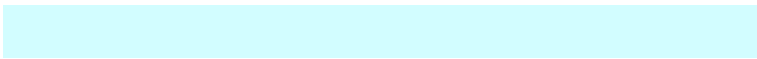
The Inverse Universe completely reimagines the original color for something new.



78.5712, 73.0695, 84.8266



75.8561, 68.6932, 80.6725



79.6766, 91.0155, 107.9761



18.3448, 18.1212, 20.4329



23.1881, 11.7646, 9.6412



2.3117, 1.1671, 1.2229

Previews

White Background



This preview shows how the XYZ color 78.5695, 73.0664, 84.8251 looks on a white background.

Color Contrast Check

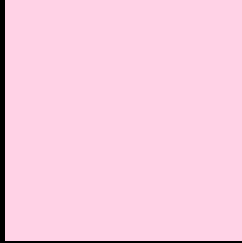
Large Text (above 18pt) WCAG AA × Fail

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 78.5695, 73.0664, 84.8251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

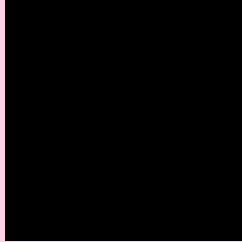
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5695, 73.0664, 84.8251

Background



This preview shows how black text looks on a background with the XYZ color 78.5695, 73.0664, 84.8251.



This preview shows how white text looks on a background with the XYZ color 78.5695, 73.0664,

84.8251.

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

78.5695, 73.0664, 84.8251

Protanopia

71.2667, 73.3569, 90.5239

Deuteranopia

74.9744, 73.4696, 84.3582



Tritanopia

78.3994, 73.3946, 82.7075

Trichromacy



Original Color

78.5695, 73.0664, 84.8251

Protanomaly

73.5958, 73.0586, 88.0647

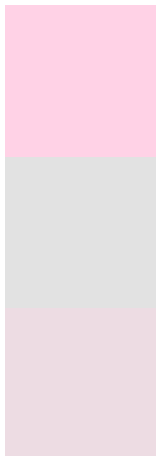
Deuteranomaly

76.1955, 73.3431, 84.2694

Tritanomaly

78.5379, 73.4500, 83.4367

Monochromacy



Original Color

78.5695, 73.0664, 84.8251

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3834, 74.7370, 83.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5695, 73.0664, 84.8251 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, 210, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 230)  
}
```

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, 210, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.5695, 73.0664, 84.8251 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, 210, 230) }
```


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

```
.border{ border-color:rgb(255, 210, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5695, 73.0664, 84.8251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 230) }
```

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

```
.background{ background-color: rgb(255,  
210, 230) }
```

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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