

Converting Colors

XYZ(78.5254, 73.8458, 82.1355)

Have a look what the booklet for
XYZ(78.5254, 73.8458, 82.1355)
contains.

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Color

**XYZ(78.5110, 73.8380,
82.0657)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E2
RGB	255, 212, 226
RGB Percent	100%, 83%, 89%
CMY	0.0000, 0.1686, 0.1137
CMYK	0.00, 0.17, 0.11, 0.00
HSL	340°, 100%, 92%
HSV	340°, 17%, 100%
XYZ	78.5110, 73.8380, 82.0657
YIQ	226.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

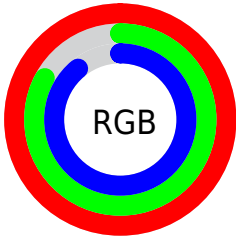
Format	Color
R_{YB}	255, 212, 226
Decimal	16766178
CIE _{Lab}	88.85, 17.22, -1.24
CIE _{LCh}	89, 17.261, 355.873
Yxy	73.8380, 0.3349, 0.3150
Android (android.graphics.Color)	4294956258 (0xFFFFD4E2)
YUV	226.4530, -0.2233, 25.0357
Hunter-Lab	85.9290, 12.7147, 3.5260

Details

The XYZ color **78.5110, 73.8380, 82.0657** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7910, 91.8691, 96.8025**, and the grayscale version is **72.6090, 76.3903, 83.1891**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6964, 39.0600, 43.8171** is the 20% darker color. If you saturate the color by 10%, you get **70.3899, 61.1851, 68.2932**, and if you desaturate by 10%, it is **87.8789, 88.6051, 97.4238**.

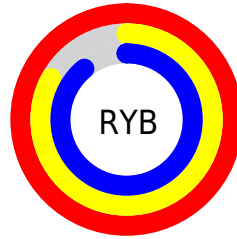
Distribution



Red (100%)

Green (83%)

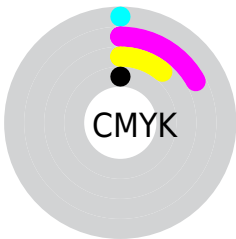
Blue (89%)



Red (100%)

Yellow (83%)

Blue (89%)

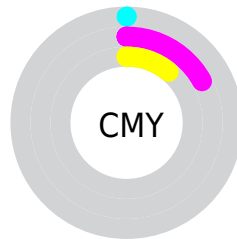


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5110, 73.8380, 82.0657 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 78.5110, 73.8380, 82.0657 by changing the saturation by 10% instead.


 78.5110, 73.8380,
82.0657

 78.5110, 73.8380,
82.0657


478.7138,
473.9141, 521.7566

 58.7981, 54.6615,
60.8836


130.2318,
124.6661, 138.1036

 42.6963, 39.1307,
43.7013


162.9704,
157.0865, 173.7965

 29.8404, 26.8614,
30.1003


200.7815,
194.6903, 215.1634

 19.8650, 17.4692,
19.6620


244.0307,
237.8619, 262.6228

 12.4046, 10.5696,
11.9680

293.0831,
286.9857, 316.5933

 7.0940, 5.7782,
6.5996

348.3042,

 3.5678, 2.7107,

342.4460, 377.4934

3.1383

410.0593,
404.6274, 445.7417

■ 1.4607, 0.9826,
1.1657

■ 0.2988, 0.0000,
0.0000

■ 78.5110, 73.8380,
82.0657

■ 78.5110, 73.8380,
82.0657

■ 70.3899, 61.1851,
68.2932

■ 87.8789, 88.6051,
97.4238

■ 63.4564, 50.5401,
56.0495

95.0500, 100.0000,
108.9000

■ 57.6542, 41.8013,
45.2808

■ 52.9199, 34.8545,
35.9283

■ 49.1838, 29.5731,
27.9289

■ 46.3673, 25.8138,
21.2140

■ 44.3791, 23.4085,
15.7079

■ 43.1053, 22.1452,
11.3238

■ 42.8016, 21.8846,
10.1534

Harmonies

Analogous

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



77.0503, 73.8380, 94.0222



78.5110, 73.8380, 82.0657



77.6678, 73.8380, 70.7598

Triad

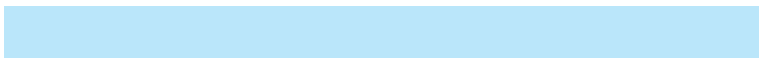
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5110, 73.8380, 82.0657



66.7297, 73.8380, 61.4044



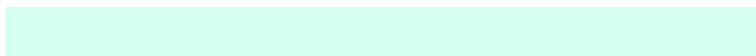
65.7653, 73.8380, 101.0084

Complementary

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



78.5110, 73.8380, 82.0657



78.7910, 91.8691, 96.8025

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.



63.1911, 73.8380, 90.8718



78.5110, 73.8380, 82.0657



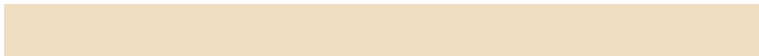
63.7322, 73.8380, 68.1562

Square

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



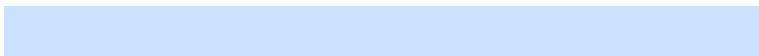
78.5110, 73.8380, 82.0657



70.7611, 73.8380, 59.5444



62.4617, 73.8380, 78.7511



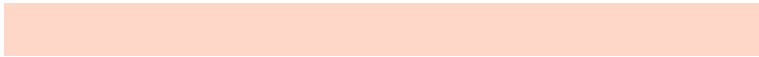
69.6037, 73.8380, 105.6251

Rectangle

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



78.5110, 73.8380, 82.0657



75.9299, 73.8380, 64.9728



62.4617, 73.8380, 78.7511



64.7294, 73.8380, 98.0874

Sweetspot

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



78.5127, 73.8411, 82.0672



89.7627, 91.5916, 100.4593



77.7576, 72.9525, 104.5907



19.0595, 19.3610, 21.2556



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

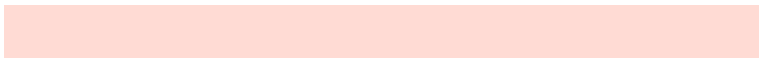
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5127, 73.8411, 82.0672



75.8310, 69.6450, 77.5747



78.5008, 76.7665, 72.9714



18.2531, 18.0846, 19.9500



22.4253, 11.4594, 5.6242



2.2312, 1.1349, 0.7989

Inverse Universe

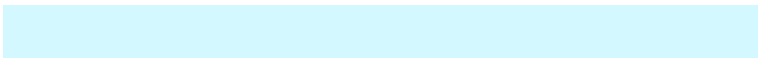
The Inverse Universe completely reimagines the original color for something new.



78.5127, 73.8411, 82.0672



75.8310, 69.6450, 77.5747



78.7196, 88.2509, 107.4929



18.2531, 18.0846, 19.9500



22.4253, 11.4594, 5.6242



2.2312, 1.1349, 0.7989

Previews

White Background



This preview shows how the XYZ color 78.5110, 73.8380, 82.0657 looks on a white background.

Color Contrast Check

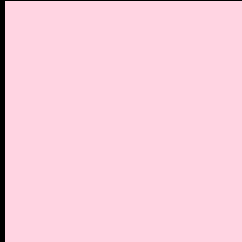
Large Text (above 18pt) WCAG AA × Fail

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 78.5110, 73.8380, 82.0657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

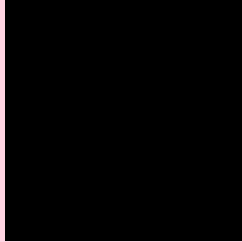
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5110, 73.8380, 82.0657

Background



This preview shows how black text looks on a background with the XYZ color 78.5110, 73.8380, 82.0657.



This preview shows how white text looks on a background with the XYZ color 78.5110, 73.8380,

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

78.5110, 73.8380, 82.0657

Protanopia

71.7381, 74.0763, 86.8611

Deuteranopia

75.4547, 73.7811, 81.4984



Tritanopia

78.7871, 73.9484, 83.5197

Trichromacy



Original Color

78.5110, 73.8380, 82.0657

Protanomaly

73.9464, 73.6888, 85.1889

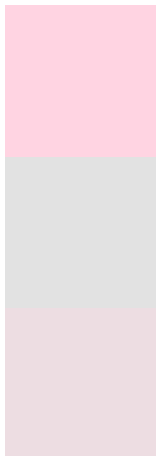
Deuteranomaly

76.6024, 73.9936, 81.4790

Tritanomaly

78.6486, 73.8930, 82.7906

Monochromacy



Original Color

78.5110, 73.8380, 82.0657

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.5090, 75.2084, 82.5411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5110, 73.8380, 82.0657 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, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 226)  
}
```

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, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 226) }
```

Border

The CSS property to change the border of an element to XYZ 78.5110, 73.8380, 82.0657 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, 212, 226) }
```


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

```
.border{ border-color:rgb(255, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5110, 73.8380, 82.0657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 226) }
```

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

```
.background{ background-color: rgb(255,  
212, 226) }
```

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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