

Converting Colors

XYZ(78.2035, 73.6486, 81.7039)

Have a look what the booklet for
XYZ(78.2035, 73.6486, 81.7039)
contains.

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Color

**XYZ(78.1440, 73.6488,
82.0485)**

Conversions

Conversions Part 1

Format	Color
Hex	FED4E2
RGB	254, 212, 226
RGB Percent	100%, 83%, 89%
CMY	0.0039, 0.1686, 0.1137
CMYK	0.00, 0.17, 0.11, 0.00
HSL	340°, 95%, 91%
HSV	340°, 17%, 100%
XYZ	78.1440, 73.6488, 82.0485
YIQ	226.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

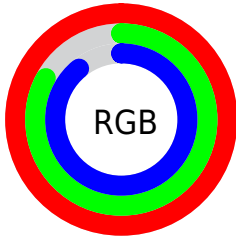
Format	Color
RYB	254, 212, 226
Decimal	16700642
CIELab	88.76, 16.87, -1.38
CIElCh	89, 16.927, 355.310
Yxy	73.6488, 0.3342, 0.3150
Android (android.graphics.Color)	4294890722 (0xFF FED4E2)
YUV	226.1540, -0.0759, 24.4209
Hunter-Lab	85.8189, 12.3535, 3.3881

Details

The XYZ color **78.1440, 73.6488, 82.0485** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3243, 91.1738, 95.9127**, and the grayscale version is **72.3920, 76.1620, 82.9404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4336, 38.9245, 43.8048** is the 20% darker color. If you saturate the color by 10%, you get **70.0771, 61.0514, 68.4552**, and if you desaturate by 10%, it is **87.4434, 88.3421, 97.1868**.

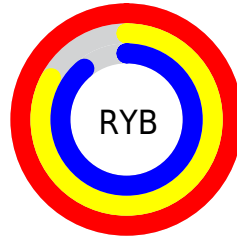
Distribution



Red (100%)

Green (83%)

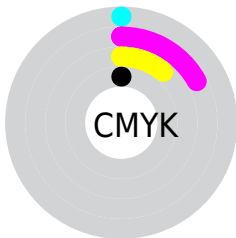
Blue (89%)



Red (100%)

Yellow (83%)

Blue (89%)

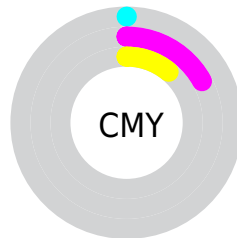


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1440, 73.6488, 82.0485 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 78.1440, 73.6488, 82.0485 by changing the saturation by 10% instead.


 78.1440, 73.6488,
82.0485

 78.1440, 73.6488,
82.0485


477.4881,
473.2604, 521.6976

 58.4955, 54.5066,
60.8695


129.7174,
124.3978, 138.0793

 42.4519, 39.0069,
43.6900


162.3730,
156.7735, 173.7682

 29.6480, 26.7651,
30.0914


200.0949,
194.3291, 215.1307

 19.7183, 17.3969,
19.6554

243.2486,
237.4491, 262.5855

 12.2975, 10.5178,
11.9632

292.1994,
286.5178, 316.5510

 7.0203, 5.7436,
6.5964

347.3127,

 3.5212, 2.6898,

341.9197, 377.4458

3.1364

408.9538,
404.0391, 445.6885

■ 1.4350, 0.9720,
1.1647

■ 0.2810, 0.0000,
0.0000

■ 78.1440, 73.6488,
82.0485

■ 78.1440, 73.6488,
82.0485

■ 70.0771, 61.0514,
68.4552

■ 87.4434, 88.3421,
97.1868

■ 63.1833, 50.4444,
56.3519

94.6834, 99.8110,
108.8828

■ 57.4074, 41.7275,
45.6869

■ 52.6872, 34.7882,
36.4034

■ 48.9543, 29.5017,
28.4407

■ 46.1315, 25.7267,
21.7328

■ 44.1292, 23.2980,
16.2069

■ 42.8367, 22.0092,
11.7798

■ 42.4992, 21.7213,
10.4741

Harmonies

Analogous

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



76.6758, 73.6488, 93.7195



78.1440, 73.6488, 82.0485



77.3617, 73.6488, 70.9329

Triad

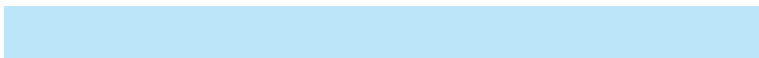
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1440, 73.6488, 82.0485



66.6889, 73.6488, 61.4870



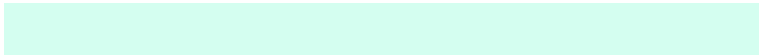
65.6154, 73.6488, 100.1951

Complementary

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



78.1440, 73.6488, 82.0485



78.3243, 91.1738, 95.9127

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.



63.1226, 73.6488, 90.2215



78.1440, 73.6488, 82.0485



63.7252, 73.6488, 68.0314

Square

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



78.1440, 73.6488, 82.0485



70.6466, 73.6488, 59.7536



62.4443, 73.6488, 78.3618



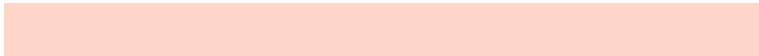
69.3593, 73.6488, 104.8263

Rectangle

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



78.1440, 73.6488, 82.0485



75.6847, 73.6488, 65.2064



62.4443, 73.6488, 78.3618



64.6092, 73.6488, 97.3116

Sweetspot

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



78.1461, 73.6521, 82.0501



89.7779, 91.5977, 100.5393



77.3707, 72.7716, 103.7352



19.0632, 19.3625, 21.2750



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

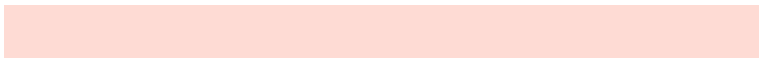
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1461, 73.6521, 82.0501



75.8835, 69.6660, 77.8515



78.0907, 76.4906, 72.9397



18.2590, 18.0869, 19.9813



22.4667, 11.4760, 5.8422



2.2358, 1.1367, 0.8230

Inverse Universe

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



78.1461, 73.6521, 82.0501



75.8835, 69.6660, 77.8515



78.3040, 87.6764, 106.5630



18.2590, 18.0869, 19.9813



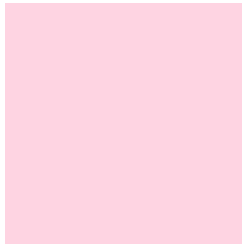
22.4667, 11.4760, 5.8422



2.2358, 1.1367, 0.8230

Previews

White Background



This preview shows how the XYZ color 78.1440, 73.6488, 82.0485 looks on a white background.

Color Contrast Check

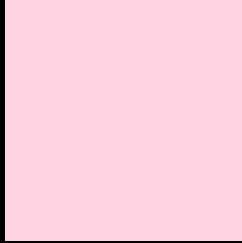
Large Text (above 18pt) WCAG AA × Fail

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 78.1440, 73.6488, 82.0485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

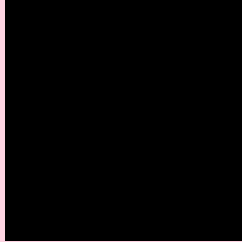
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1440, 73.6488, 82.0485

Background



This preview shows how black text looks on a background with the XYZ color 78.1440, 73.6488, 82.0485.



This preview shows how white text looks on a background with the XYZ color 78.1440, 73.6488,

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

78.1440, 73.6488, 82.0485

Protanopia

71.4272, 73.9160, 86.8465

Deuteranopia

75.1086, 73.6027, 81.4822



Tritanopia

78.4201, 73.7592, 83.5026

Trichromacy



Original Color

78.1440, 73.6488, 82.0485

Protanomaly

73.6153, 73.5181, 85.1734

Deuteranomaly

76.2488, 73.8113, 81.4624

Tritanomaly

78.2817, 73.7038, 82.7734

Monochromacy



Original Color

78.1440, 73.6488, 82.0485

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.1760, 75.0368, 82.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1440, 73.6488, 82.0485 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(254, 212, 226) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 226) }
```

Border

The CSS property to change the border of an element to XYZ 78.1440, 73.6488, 82.0485 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(254, 212, 226) }
```


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

```
.border{ border-color:rgb(254, 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(254, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1440, 73.6488, 82.0485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 226) }
```

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

```
.background{ background-color: rgb(254,  
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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