

Converting Colors

XYZ(119.8406, 101.6497,
82.6703)

Have a look what the booklet for
XYZ(119.8406, 101.6497, 82.6703)
contains.

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Color

**XYZ(82.4441, 82.5725,
80.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5DE
RGB	255, 229, 222
RGB Percent	100%, 90%, 87%
CMY	0.0000, 0.1019, 0.1294
CMYK	0.00, 0.10, 0.13, 0.00
HSL	13°, 100%, 94%
HSV	13°, 13%, 100%
XYZ	82.4441, 82.5725, 80.7001
YIQ	235.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

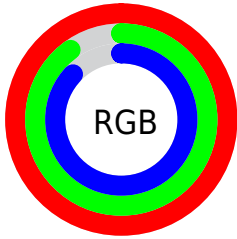
Format	Color
R _Y B	255, 231, 222
Decimal	16770526
CIE Lab	92.83, 7.76, 6.64
CIE LCh	93, 10.214, 40.529
Yxy	82.5725, 0.3355, 0.3360
Android (android.graphics.Color)	4294960606 (0xFFFFE5DE)
YUV	235.9760, -6.8902, 16.6840
Hunter-Lab	90.8694, 2.9282, 10.9538

Details

The XYZ color **82.4441, 82.5725, 80.7001** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.7408, 89.8820, 107.6485**, and the grayscale version is **79.7537, 83.9071, 91.3748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3998, 45.0679, 42.8654** is the 20% darker color. If you saturate the color by 10%, you get **74.0416, 70.8295, 62.2935**, and if you desaturate by 10%, it is **92.0106, 95.8155, 102.0469**.

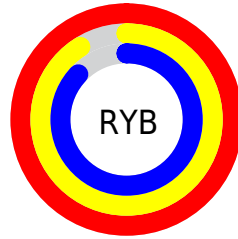
Distribution



Red (100%)

Green (90%)

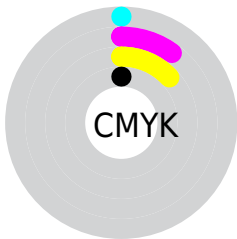
Blue (87%)



Red (100%)

Yellow (91%)

Blue (87%)

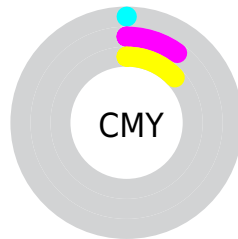


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4441, 82.5725, 80.7001 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 82.4441, 82.5725, 80.7001 by changing the saturation by 10% instead.


 82.4441, 82.5725,
80.7001

 82.4441, 82.5725,
80.7001


491.7440,
503.5607, 517.0579

 62.0470, 61.8375,
59.7651

135.7292,
136.9766, 136.1699

 45.3264, 44.9014,
42.8053

169.3479,
171.4144, 171.5417

 31.9170, 31.3798,
29.4021


208.1045,
211.1888, 212.5629

 21.4533, 20.8882,
19.1370

252.3644,
256.6839, 259.6519

 13.5701, 13.0423,
11.5915

302.4930,
308.2843, 313.2274

 7.9020, 7.4577,
6.3470

358.8555,

 4.0836, 3.7500,

366.3743, 373.7079

2.9850

421.8174,
431.3383, 441.5119

■ 1.7495, 1.5347,
1.0870

■ 0.4870, 0.3130,
0.0000

■ 82.4441, 82.5725,
80.7001

■ 82.4441, 82.5725,
80.7001

■ 74.0416, 70.8295,
62.2935

■ 92.0106, 95.8155,
102.0469

■ 66.7522, 60.5231,
46.6928

95.0500, 100.0000,
108.9000

■ 60.5300, 51.6007,
33.7610

■ 55.3235, 44.0026,
23.3473

■ 51.0767, 37.6646,
15.2861

■ 47.7278, 32.5168,
9.3914

■ 45.2076, 28.4826,
5.4490

■ 43.4350, 25.4753,
3.2003

■ 42.5651, 23.9102,
2.3717

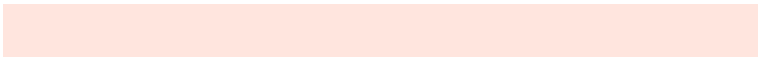
Harmonies

Analogous

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



83.6316, 82.5725, 87.2512



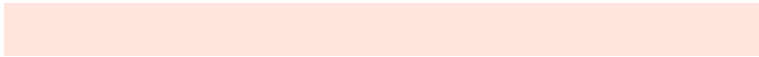
82.4441, 82.5725, 80.7001



80.2040, 82.5725, 76.7633

Triad

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



82.4441, 82.5725, 80.7001



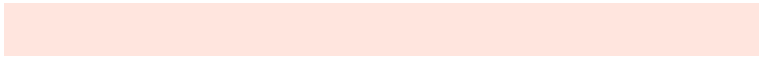
73.7479, 82.5725, 85.1017



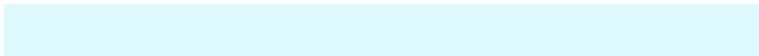
79.4232, 82.5725, 105.1285

Complementary

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



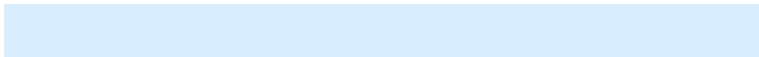
82.4441, 82.5725, 80.7001



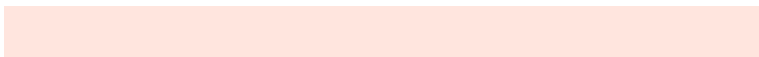
81.7408, 89.8820, 107.6485

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.



76.7862, 82.5725, 104.4723



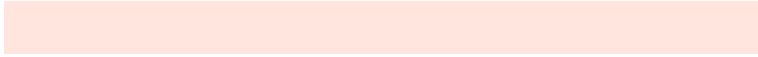
82.4441, 82.5725, 80.7001



73.5496, 82.5725, 92.6170

Square

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



82.4441, 82.5725, 80.7001



75.1982, 82.5725, 79.2033



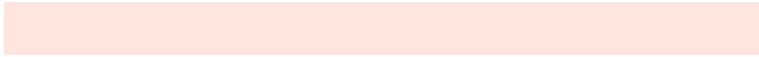
74.6502, 82.5725, 99.7897



81.8614, 82.5725, 101.5350

Rectangle

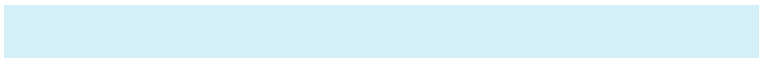
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4441, 82.5725, 80.7001



78.4354, 82.5725, 76.0107



74.6502, 82.5725, 99.7897



78.5300, 82.5725, 105.4024

Sweetspot

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



82.4460, 82.5760, 80.7018



90.9410, 94.3405, 99.6426



84.3672, 80.3057, 100.1868



19.3043, 19.9709, 20.9667



0.0000, 0.0000, 0.0000



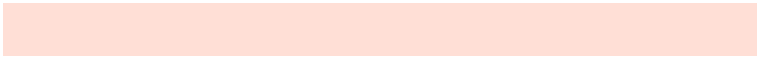
20.3446, 21.4041, 23.3091

Same Dimension

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



82.4460, 82.5760, 80.7018



79.7535, 78.8260, 74.7638



87.1079, 91.8997, 82.2558



18.3218, 18.6118, 18.7711



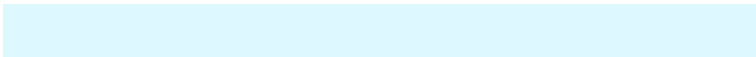
22.3278, 12.6668, 1.2681



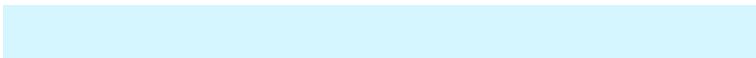
2.2489, 1.3833, 0.1485

Inverse Universe

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



81.7408, 89.8820, 107.6485



78.8991, 87.6646, 107.3703



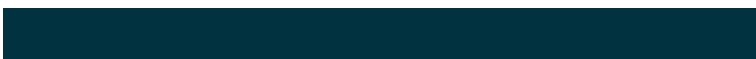
77.0035, 80.4075, 106.0694



18.2084, 19.7883, 23.1098



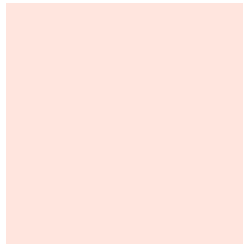
20.4426, 25.7948, 53.3360



2.0683, 2.6672, 5.2191

Previews

White Background



This preview shows how the XYZ color 82.4441, 82.5725, 80.7001 looks on a white background.

Color Contrast Check

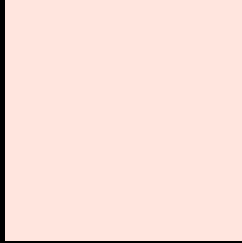
Large Text (above 18pt) WCAG AA × Fail

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 82.4441, 82.5725, 80.7001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

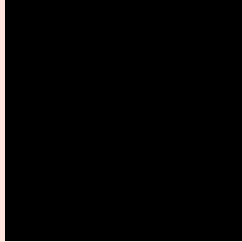
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

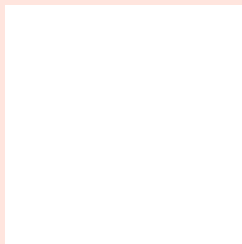
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4441, 82.5725, 80.7001

Background



This preview shows how black text looks on a background with the XYZ color 82.4441, 82.5725, 80.7001.



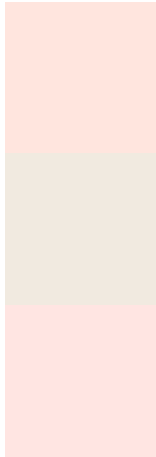
This preview shows how white text looks on a background with the XYZ color 82.4441, 82.5725,

80.7001.

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

82.4441, 82.5725, 80.7001

Protanopia

79.1530, 82.9282, 82.3559

Deuteranopia

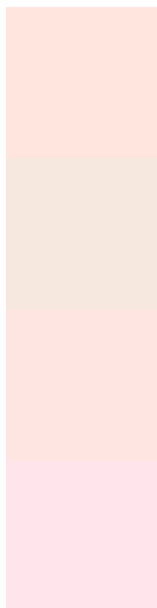
82.9868, 82.7896, 83.5576



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

82.4441, 82.5725, 80.7001

Protanomaly

80.1819, 82.6338, 81.5359

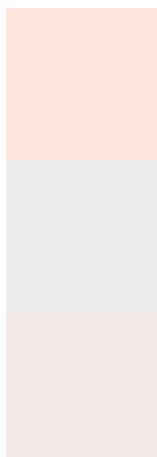
Deuteranomaly

82.8499, 82.7349, 82.8369

Tritanomaly

83.9788, 82.7450, 90.1425

Monochromacy



Original Color

82.4441, 82.5725, 80.7001

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5249, 83.1020, 87.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4441, 82.5725, 80.7001 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, 229, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 222)  
}
```

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, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 222) }
```

Border

The CSS property to change the border of an element to XYZ 82.4441, 82.5725, 80.7001 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, 229, 222) }
```


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

```
.border{ border-color:rgb(255, 229, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4441, 82.5725, 80.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 222) }
```

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

```
.background{ background-color: rgb(255,  
229, 222) }
```

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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