

Converting Colors

XYZ(82.2264, 89.4442, 77.2206)

Have a look what the booklet for
XYZ(82.2264, 89.4442, 77.2206)
contains.

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Color

**XYZ(82.2264, 89.4442,
77.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F5D7
RGB	244, 245, 215
RGB Percent	96%, 96%, 84%
CMY	0.0431, 0.0392, 0.1569
CMYK	0.00, 0.00, 0.12, 0.04
HSL	62°, 60%, 90%
HSV	62°, 12%, 96%
XYZ	82.2264, 89.4442, 77.2206
YIQ	241.2810, 9.0340, -9.5420

Conversions

Conversions Part 2

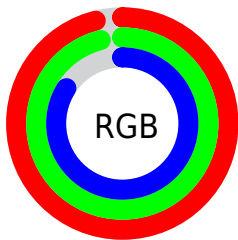
Format	Color
R _Y B	215, 245, 216
Decimal	16053719
CIE Lab	95.77, -5.32, 14.34
CIE LCh	96, 15.300, 110.364
Yxy	89.4442, 0.3304, 0.3594
Android (android.graphics.Color)	4294243799 (0xFFFF4F5D7)
YUV	241.2810, -12.9565, 2.3846
Hunter-Lab	94.5749, -10.3127, 17.7921

Details

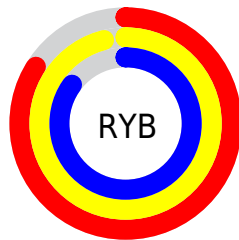
The XYZ color **82.2264, 89.4442, 77.2206** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.1041, 69.7947, 96.2205**, and the grayscale version is **83.9264, 88.2971, 96.1555**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2818, 49.6246, 40.4496** is the 20% darker color. If you saturate the color by 10%, you get **79.0279, 88.1349, 61.8495**, and if you desaturate by 10%, it is **85.9026, 90.9506, 95.0788**.

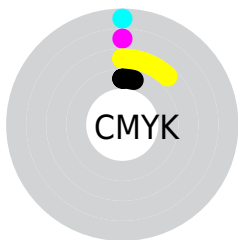
Distribution



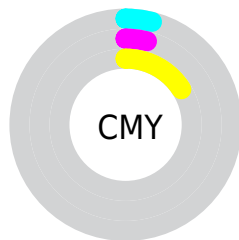
- Red (96%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2264, 89.4442, 77.2206 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 82.2264, 89.4442, 77.2206 by changing the saturation by 10% instead.

82.2264, 89.4442,
77.2206

82.2264, 89.4442,
77.2206

491.0277,
526.2212, 504.9735

61.8669, 67.5198,
56.9213

135.4256,
146.5661, 131.2267

45.1804, 49.5071,
40.5331

168.9961,
182.5324, 165.7706

31.8014, 35.0219,
27.6375

207.7008,
223.9481, 205.8997

21.3647, 23.6798,
17.8159

251.9054,
271.1975, 252.0327

13.5048, 15.0963,
10.6498

301.9750,
324.6652, 304.5880

7.8564, 8.8870,
5.7207

358.2750,

4.0543, 4.6675,

384.7354, 363.9842

2.6100

421.1708,
451.7926, 430.6398

■ 1.7329, 2.0535,
0.8976

■ 0.4767, 0.6383,
0.0000

■ 82.2264, 89.4442,
77.2206

■ 82.2264, 89.4442,
77.2206

■ 79.0279, 88.1349,
61.8495

■ 85.9026, 90.9506,
95.0788

■ 76.2789, 87.0026,
48.8496


■ 88.5849, 92.0566,
107.7075


■ 73.9593, 86.0423,
38.1046


■ 88.8728, 92.2051,
107.7210


■ 72.0448, 85.2441,
29.4861


■ 89.1620, 92.3541,
107.7345


 70.5086, 84.5974,
22.8527


 89.4525, 92.5039,
107.7481


 69.3204, 84.0900,
18.0460


 89.7442, 92.6543,
107.7618


 68.4458, 83.7082,
14.8835

 90.0372, 92.8053,
107.7755

 67.8428, 83.4352,
13.1449

 90.3315, 92.9571,
107.7893

 67.5127, 83.2786,
12.5161

 90.6271, 93.1094,
107.8031

Harmonies

Analogous

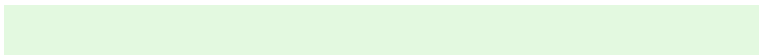
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3770, 89.4442, 76.2629



82.2264, 89.4442, 77.2206



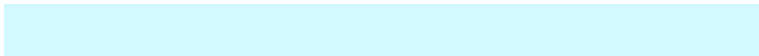
78.9275, 89.4442, 83.3286

Triad

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



82.2264, 89.4442, 77.2206



79.9511, 89.4442, 116.3688



93.2523, 89.4442, 101.3242

Complementary

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



82.2264, 89.4442, 77.2206



69.1041, 69.7947, 96.2205

Split Complementary

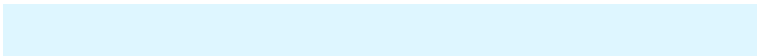
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4057, 89.4442, 112.9494



82.2264, 89.4442, 77.2206



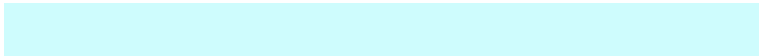
83.6655, 89.4442, 122.0966

Square

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



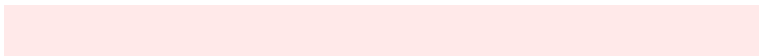
82.2264, 89.4442, 77.2206



77.6443, 89.4442, 105.6871



87.8640, 89.4442, 120.7960



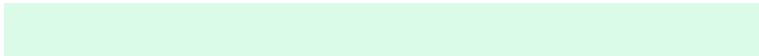
92.8360, 89.4442, 89.5381

Rectangle

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



82.2264, 89.4442, 77.2206



77.6111, 89.4442, 89.8005



87.8640, 89.4442, 120.7960



92.8733, 89.4442, 105.3946

Sweetspot

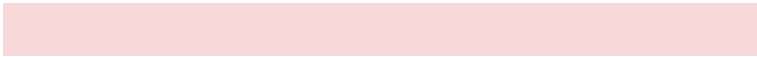
The Sweet Spot groups the original color and five complimentary colors.



82.2288, 89.4481, 77.2225



93.3253, 99.2956, 100.4734



74.4806, 73.4327, 74.5396



19.9081, 21.2258, 21.1771



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

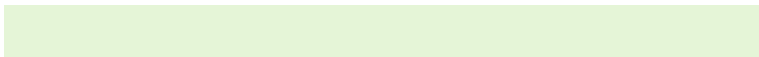
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2288, 89.4481, 77.2225



89.0222, 97.5346, 79.6094



77.2345, 86.8735, 76.9888



17.8566, 19.2836, 17.5785



36.3933, 44.8742, 6.7435



3.2155, 3.9527, 0.5935

Inverse Universe

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



69.1041, 69.7947, 96.2205



71.7212, 71.6271, 104.6530



73.7396, 72.1844, 96.4375



15.6325, 15.9532, 20.7979



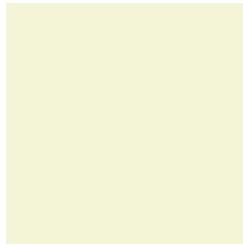
8.9569, 3.5918, 46.7592



0.8050, 0.3248, 4.1105

Previews

White Background



This preview shows how the XYZ color 82.2264, 89.4442, 77.2206 looks on a white background.

Color Contrast Check

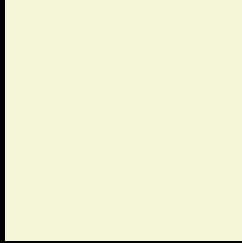
Large Text (above 18pt) WCAG AA × Fail

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 82.2264, 89.4442, 77.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

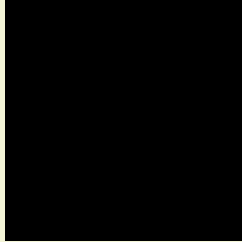
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

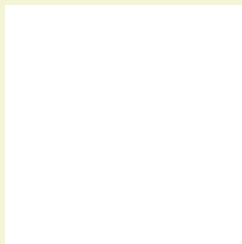
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2264, 89.4442, 77.2206

Background



This preview shows how black text looks on a background with the XYZ color 82.2264, 89.4442, 77.2206.

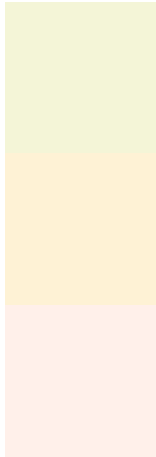


This preview shows how white text looks on a background with the XYZ color 82.2264, 89.4442,

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

82.2264, 89.4442, 77.2206

Protanopia

84.6354, 89.3792, 75.7419

Deuteranopia

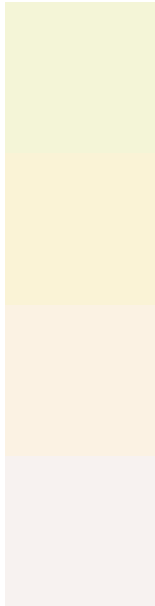
87.2514, 89.5207, 90.5225



Tritanopia

88.2770, 89.6799, 107.2650

Trichromacy



Original Color

82.2264, 89.4442, 77.2206

Protanomaly

83.6125, 89.2802, 76.4443

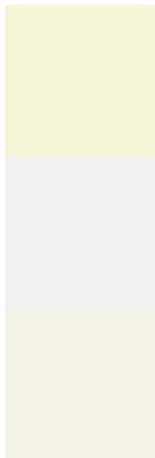
Deuteranomaly

85.4009, 89.5595, 85.4587

Tritanomaly

85.8381, 89.5697, 95.2026

Monochromacy



Original Color

82.2264, 89.4442, 77.2206

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.9356, 88.2077, 88.9985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2264, 89.4442, 77.2206 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(244, 245, 215) looks like.

```
.text, #text, p{  
    color:rgb(244, 245, 215)  
}
```

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(244, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 245, 215) }
```

Border

The CSS property to change the border of an element to XYZ 82.2264, 89.4442, 77.2206 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(244, 245, 215) }
```


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

```
.border{ border-color:rgb(244, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 245, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 245, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 245,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2264, 89.4442, 77.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 245, 215) }
```

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

```
.background{ background-color: rgb(244,  
245, 215) }
```

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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