

Converting Colors

XYZ(82.9926, 90.8642, 79.2683)

Have a look what the booklet for
XYZ(82.9926, 90.8642, 79.2683)
contains.

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Color

**XYZ(82.8778, 90.6382,
79.4565)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7DA
RGB	243, 247, 218
RGB Percent	95%, 97%, 85%
CMY	0.0471, 0.0313, 0.1451
CMYK	0.02, 0.00, 0.12, 0.03
HSL	68°, 64%, 91%
HSV	68°, 12%, 97%
XYZ	82.8778, 90.6382, 79.4565
YIQ	242.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

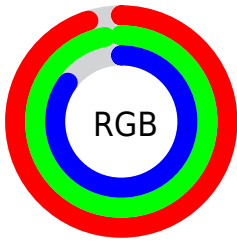
Format	Color
R _Y B	218, 247, 222
Decimal	15988698
CIE Lab	96.26, -6.20, 13.49
CIE LCh	96, 14.850, 114.693
Yxy	90.6382, 0.3276, 0.3583
Android (android.graphics.Color)	4294178778 (0xFFF3F7DA)
YUV	242.4980, -12.0775, 0.4403
Hunter-Lab	95.2041, -11.2180, 17.1600

Details

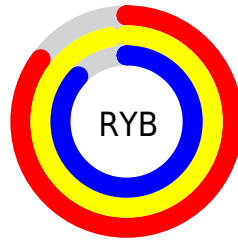
The XYZ color **82.8778, 90.6382, 79.4565** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.9877, 72.3903, 98.1792**, and the grayscale version is **84.8837, 89.3043, 97.2524**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7352, 50.4707, 41.9817** is the 20% darker color. If you saturate the color by 10%, you get **78.7181, 88.8426, 63.6280**, and if you desaturate by 10%, it is **87.5460, 92.6457, 97.8270**.

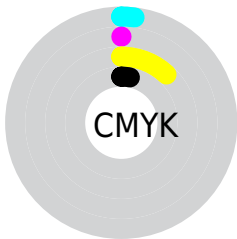
Distribution



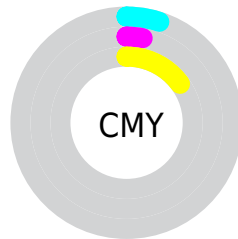
- Red (95%)
- Green (97%)
- Blue (85%)



- Red (85%)
- Yellow (97%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8778, 90.6382, 79.4565 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 82.8778, 90.6382, 79.4565 by changing the saturation by 10% instead.

82.8778, 90.6382,
79.4565

82.8778, 90.6382,
79.4565

493.1693,
530.1047, 512.7577

62.4059, 68.5101,
58.7477

136.3337,
148.2246, 134.4058

45.6176, 50.3128,
41.9914

170.0485,
184.4516, 169.4834

32.1475, 35.6620,
28.7690

208.9082,
226.1471, 210.1876

21.6303, 24.1733,
18.6621

253.2783,
273.6954, 256.9371

13.7006, 15.4622,
11.2520

303.5241,
327.4809, 310.1503

7.9930, 9.1444,
6.1203

360.0109,

4.1422, 4.8355,

387.8880, 370.2457

2.8484

423.1042,
455.3012, 437.6420

■ 1.7829, 2.1511,
1.0178

■ 0.5073, 0.6931,
0.0000

■ 82.8778, 90.6382,
79.4565

■ 82.8778, 90.6382,
79.4565

■ 78.7181, 88.8426,
63.6280

■ 87.5460, 92.6457,
97.8270

■ 75.0382, 87.2384,
50.2237

■ 90.6734, 94.0365,
107.9796

■ 71.8178, 85.8205,
39.1254

■ 91.9057, 94.6717,
108.0373

■ 69.0317, 84.5789,
30.2027

■ 92.5526, 95.0052,
108.0675

■ 66.6528, 83.5025,
23.3121

■ 64.6504, 82.5793,
18.2930

■ 62.9892, 81.7949,
14.9606

■ 61.6270, 81.1326,
13.0926

■ 60.6735, 80.6561,
12.3703

Harmonies

Analogous

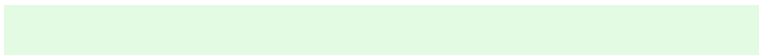
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8846, 90.6382, 77.7555



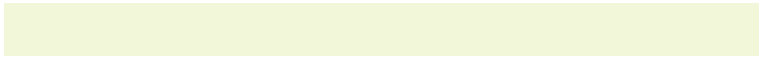
82.8778, 90.6382, 79.4565



79.8370, 90.6382, 86.1345

Triad

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



82.8778, 90.6382, 79.4565



81.6456, 90.6382, 118.4116



94.2902, 90.6382, 100.8057

Complementary

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



82.8778, 90.6382, 79.4565



71.9877, 72.3903, 98.1792

Split Complementary

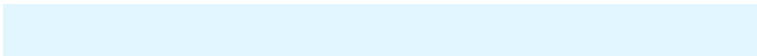
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7850, 90.6382, 112.4090



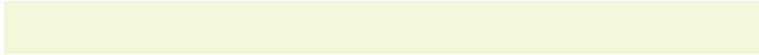
82.8778, 90.6382, 79.4565



85.4173, 90.6382, 123.0794

Square

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



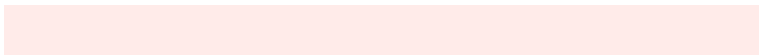
82.8778, 90.6382, 79.4565



79.1417, 90.6382, 108.4863



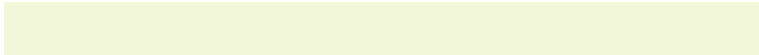
89.5049, 90.6382, 120.8000



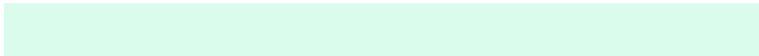
93.5580, 90.6382, 89.5012

Rectangle

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



82.8778, 90.6382, 79.4565



78.7230, 90.6382, 92.8134



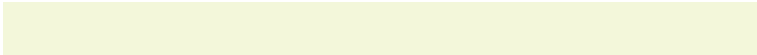
89.5049, 90.6382, 120.8000



94.0277, 90.6382, 104.8087

Sweetspot

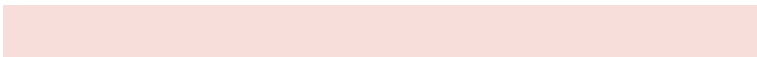
The Sweet Spot groups the original color and five complimentary colors.



82.8803, 90.6422, 79.4585



92.9346, 99.0942, 100.4551



77.1016, 77.0104, 77.1318



19.8088, 21.1746, 21.1725



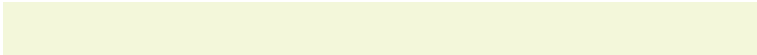
0.0000, 0.0000, 0.0000



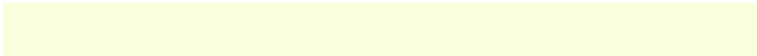
20.3446, 21.4041, 23.3091

Same Dimension

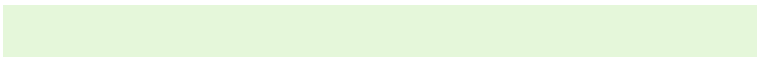
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8803, 90.6422, 79.4585



88.0353, 96.9873, 81.3056



78.1151, 88.1856, 79.2354



17.6765, 19.1908, 17.5701



32.1769, 42.7006, 6.5461



2.8888, 3.7843, 0.5782

Inverse Universe

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



71.9877, 72.3903, 98.1792



74.2716, 73.9237, 104.9619



76.5768, 74.7561, 98.3939



15.7939, 16.0364, 20.8055



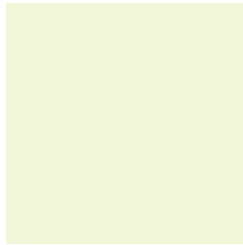
9.2974, 3.7673, 46.7752



0.8817, 0.3644, 4.1141

Previews

White Background



This preview shows how the XYZ color 82.8778, 90.6382, 79.4565 looks on a white background.

Color Contrast Check

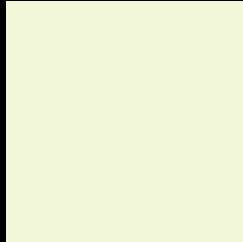
Large Text (above 18pt) WCAG AA × Fail

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 82.8778, 90.6382, 79.4565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

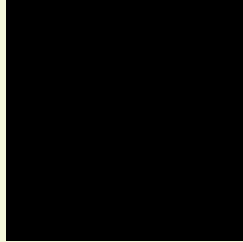
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

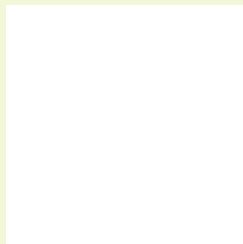
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8778, 90.6382, 79.4565

Background



This preview shows how black text looks on a background with the XYZ color 82.8778, 90.6382, 79.4565.



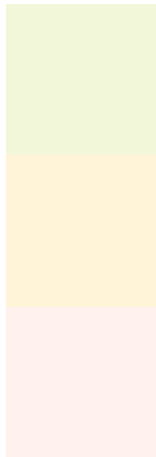
This preview shows how white text looks on a background with the XYZ color 82.8778, 90.6382,

79.4565.

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

82.8778, 90.6382, 79.4565

Protanopia

85.6853, 90.3191, 77.8830

Deuteranopia

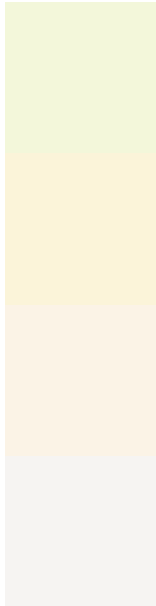
87.9814, 90.2850, 92.9104



Tritanopia

88.1599, 90.4984, 107.4292

Trichromacy



Original Color

82.8778, 90.6382, 79.4565

Protanomaly

84.6587, 90.2204, 78.5979

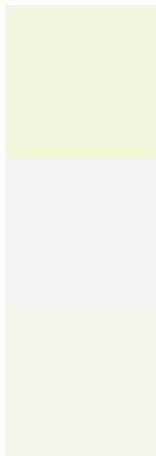
Deuteranomaly

86.1172, 90.3236, 87.7582

Tritanomaly

86.3837, 90.7050, 96.9593

Monochromacy



Original Color

82.8778, 90.6382, 79.4565

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.1641, 89.6966, 90.7191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8778, 90.6382, 79.4565 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(243, 247, 218) looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 218)  
}
```

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(243, 247, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 218) }
```

Border

The CSS property to change the border of an element to XYZ 82.8778, 90.6382, 79.4565 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(243, 247, 218) }
```


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

```
.border{ border-color:rgb(243, 247, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 218);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8778, 90.6382, 79.4565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 218) }
```

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

```
.background{ background-color: rgb(243,  
247, 218) }
```

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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