

Converting Colors

XYZ(82.1203, 88.3348, 76.1524)

Have a look what the booklet for
XYZ(82.1203, 88.3348, 76.1524)
contains.

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Color

**XYZ(82.1942, 88.5491,
76.3779)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F3D6
RGB	246, 243, 214
RGB Percent	96%, 95%, 84%
CMY	0.0353, 0.0470, 0.1608
CMYK	0.00, 0.01, 0.13, 0.04
HSL	54°, 64%, 90%
HSV	54°, 13%, 96%
XYZ	82.1942, 88.5491, 76.3779
YIQ	240.5910, 11.0970, -8.3830

Conversions

Conversions Part 2

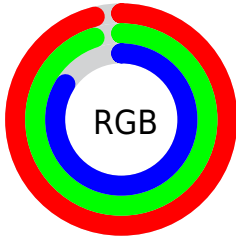
Format	Color
R _Y B	217, 246, 214
Decimal	16184278
CIE Lab	95.39, -3.77, 14.35
CIE LCh	95, 14.838, 104.735
Yxy	88.5491, 0.3326, 0.3583
Android (android.graphics.Color)	4294374358 (0xFFFF6F3D6)
YUV	240.5910, -13.1094, 4.7437
Hunter-Lab	94.1005, -8.7611, 17.7469

Details

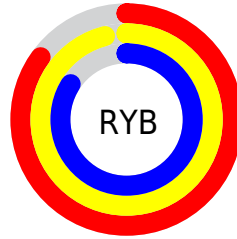
The XYZ color **82.1942, 88.5491, 76.3779** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.1787, 70.5742, 97.1655**, and the grayscale version is **83.3833, 87.7257, 95.5333**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2635, 48.9910, 39.8715** is the 20% darker color. If you saturate the color by 10%, you get **78.6031, 86.0201, 60.8338**, and if you desaturate by 10%, it is **86.2733, 91.2930, 94.4276**.

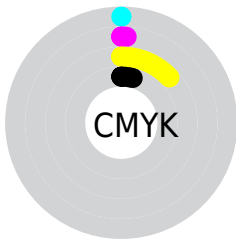
Distribution



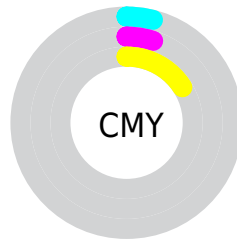
- Red (96%)
- Green (95%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1942, 88.5491, 76.3779 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 82.1942, 88.5491, 76.3779 by changing the saturation by 10% instead.

82.1942, 88.5491,
76.3779

82.1942, 88.5491,
76.3779

490.9217,
523.2998, 502.0216

61.8403, 66.7779,
56.2339

135.3807,
145.3214, 130.0259

45.1588, 48.9042,
39.9853

168.9440,
181.0913, 164.3671

31.7843, 34.5435,
27.2133

207.6411,
222.2962, 204.2777

21.3516, 23.3114,
17.4997

251.8374,
269.3205, 250.1763

13.4951, 14.8236,
10.4257

301.8983,
322.5486, 302.4814

7.8497, 8.6957,
5.5728

358.1891,

4.0499, 4.5432,

382.3649, 361.6117

2.5226

421.0751,
449.1538, 427.9855

■ 1.7304, 1.9818,
0.8521

■ 0.4752, 0.5969,
0.0000

■ 82.1942, 88.5491,
76.3779

■ 82.1942, 88.5491,
76.3779

■ 78.6031, 86.0201,
60.8338

■ 86.2733, 91.2930,
94.4276

■ 75.4715, 83.6857,
47.6780

■ 89.5041, 93.7085,
107.9779

■ 72.7790, 81.5407,
36.7920

■ 90.2148, 95.1299,
108.2148

■ 70.5008, 79.5751,
28.0455

■ 90.9342, 96.5688,
108.4546

■ 68.6095, 77.7779,
21.2944

■ 91.6624, 98.0252,
108.6974

■ 67.0744, 76.1367,
16.3772

■ 91.8163, 98.3330,
108.7487

■ 65.8600, 74.6374,
13.1072

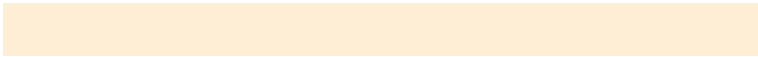
■ 64.9233, 73.2625,
11.2579

■ 64.3884, 72.3572,
10.5727

Harmonies

Analogous

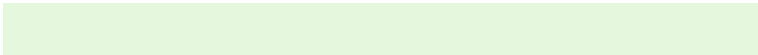
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2344, 88.5491, 76.4237



82.1942, 88.5491, 76.3779



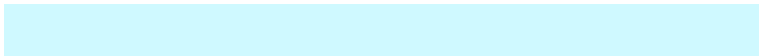
78.7900, 88.5491, 81.3959

Triad

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



82.1942, 88.5491, 76.3779



78.7412, 88.5491, 113.0138



91.9174, 88.5491, 102.4189

Complementary

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



82.1942, 88.5491, 76.3779



69.1787, 70.5742, 97.1655

Split Complementary

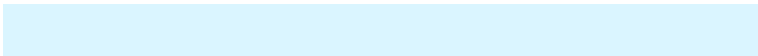
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.7754, 88.5491, 113.1763



82.1942, 88.5491, 76.3779



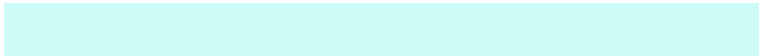
82.1256, 88.5491, 119.6197

Square

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



82.1942, 88.5491, 76.3779



76.8404, 88.5491, 102.2111



86.1635, 88.5491, 119.6814



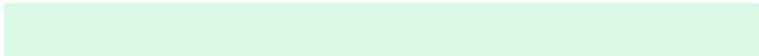
91.9372, 88.5491, 90.8421

Rectangle

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



82.1942, 88.5491, 76.3779



77.3023, 88.5491, 87.1884



86.1635, 88.5491, 119.6814



91.4187, 88.5491, 106.2705

Sweetspot

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



82.1966, 88.5530, 76.3798



93.1471, 98.7528, 100.3780



74.6040, 72.7073, 75.8852



19.8628, 21.0879, 21.1529



0.0000, 0.0000, 0.0000



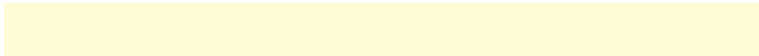
20.3446, 21.4041, 23.3091

Same Dimension

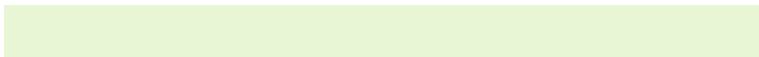
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1966, 88.5530, 76.3798



87.9572, 95.2333, 77.4984



78.7638, 88.1246, 76.4780



17.7743, 19.0328, 17.5345



34.4239, 38.7333, 5.6619



3.0634, 3.4801, 0.5103

Inverse Universe

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



69.1787, 70.5742, 97.1655



70.9161, 71.6985, 104.7093



72.2977, 71.0466, 97.0922



15.7059, 16.1760, 20.8371



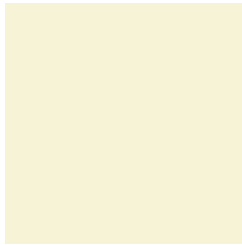
9.0859, 3.9656, 46.8246



0.8399, 0.4313, 4.1292

Previews

White Background



This preview shows how the XYZ color 82.1942, 88.5491, 76.3779 looks on a white background.

Color Contrast Check

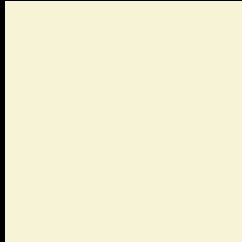
Large Text (above 18pt) WCAG AA × Fail

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 82.1942, 88.5491, 76.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

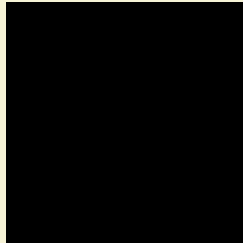
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1942, 88.5491, 76.3779

Background



This preview shows how black text looks on a background with the XYZ color 82.1942, 88.5491, 76.3779.



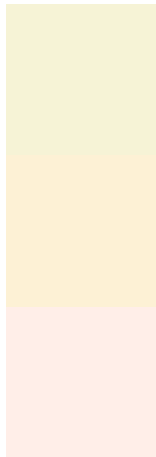
This preview shows how white text looks on a background with the XYZ color 82.1942, 88.5491,

76.3779.

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

82.1942, 88.5491, 76.3779

Protanopia

83.9736, 88.5973, 75.6259

Deuteranopia

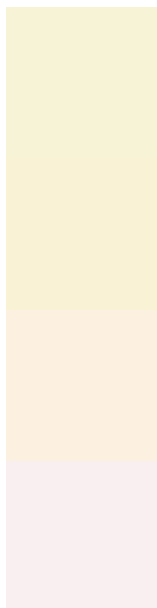
86.3800, 88.2353, 88.8223



Tritanopia

88.1178, 88.2976, 107.0066

Trichromacy



Original Color

82.1942, 88.5491, 76.3779

Protanomaly

83.1867, 88.6324, 75.6741

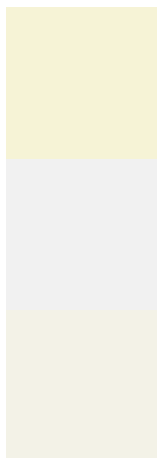
Deuteranomaly

84.8956, 88.4519, 83.8326

Tritanomaly

85.6616, 88.1640, 94.9406

Monochromacy



Original Color

82.1942, 88.5491, 76.3779

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1381, 88.3285, 88.2686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1942, 88.5491, 76.3779 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(246, 243, 214) looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 214)  
}
```

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(246, 243, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 214) }
```

Border

The CSS property to change the border of an element to XYZ 82.1942, 88.5491, 76.3779 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(246, 243, 214) }
```


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

```
.border{ border-color:rgb(246, 243, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 243, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 214);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1942, 88.5491, 76.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 214) }
```

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

```
.background{ background-color: rgb(246,  
243, 214) }
```

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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