

Converting Colors

XYZ(82.3848, 89.2608, 77.4629)

Have a look what the booklet for
XYZ(82.3848, 89.2608, 77.4629)
contains.

XYZ(82.2726, 89.0201, 77.1364)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.2726, 89.0201,
77.1364)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F4D7
RGB	245, 244, 215
RGB Percent	96%, 96%, 84%
CMY	0.0392, 0.0431, 0.1569
CMYK	0.00, 0.00, 0.12, 0.04
HSL	58°, 60%, 90%
HSV	58°, 12%, 96%
XYZ	82.2726, 89.0201, 77.1364
YIQ	240.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

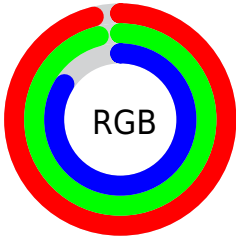
Format	Color
RYB	216, 245, 215
Decimal	16118999
CIELab	95.59, -4.47, 14.10
CIELCh	96, 14.796, 107.594
Yxy	89.0201, 0.3312, 0.3583
Android (android.graphics.Color)	4294309079 (0xFFFF5F4D7)
YUV	240.9930, -12.8145, 3.5141
Hunter-Lab	94.3505, -9.4632, 17.5727

Details

The XYZ color **82.2726, 89.0201, 77.1364** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.0616, 70.1502, 96.2874**, and the grayscale version is **83.6979, 88.0567, 95.8937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3146, 49.3233, 40.3897** is the 20% darker color. If you saturate the color by 10%, you get **79.1142, 87.3693, 61.6975**, and if you desaturate by 10%, it is **85.9084, 90.8695, 95.0625**.

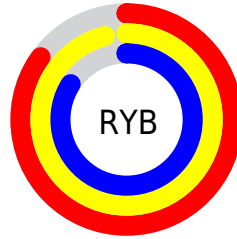
Distribution



Red (96%)

Green (96%)

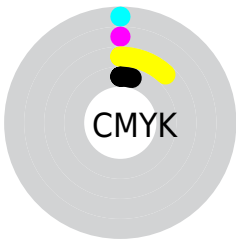
Blue (84%)



Red (85%)

Yellow (96%)

Blue (84%)

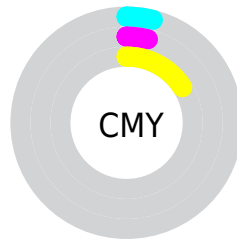


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2726, 89.0201, 77.1364 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 82.2726, 89.0201, 77.1364 by changing the saturation by 10% instead.

82.2726, 89.0201,
77.1364

82.2726, 89.0201,
77.1364

491.1798,
524.8381, 504.6790

61.9051, 67.1682,
56.8526

135.4900,
145.9765, 131.1068

45.2114, 49.2213,
40.4783

169.0707,
181.8498, 165.6304

31.8259, 34.7951,
27.5951

207.7865,
223.1657, 205.7378

21.3835, 23.5051,
17.7843

252.0028,
270.3087, 251.8474

13.5187, 14.9669,
10.6274

302.0849,
323.6630, 304.3778

7.8661, 8.7962,
5.7059

358.3982,

4.0605, 4.6085,

383.6130, 363.7475

2.6012

421.3080,
450.5433, 430.3750

■ 1.7364, 2.0194,
0.8931

■ 0.4789, 0.6187,
0.0000

■ 82.2726, 89.0201,
77.1364

■ 82.2726, 89.0201,
77.1364

■ 79.1142, 87.3693,
61.6975

■ 85.9084, 90.8695,
95.0625

■ 76.4052, 85.8970,
48.6301


■ 88.5502, 92.3200,
107.7602


■ 74.1254, 84.5982,
37.8177


■ 88.7974, 92.8145,
107.8426


■ 72.2505, 83.4630,
29.1321


■ 89.0458, 93.3111,
107.9254


 70.7536, 82.4807,
22.4318

 89.2951, 93.8099,
108.0085


 69.6046, 81.6394,
17.5585


 89.5456, 94.3109,
108.0920


 68.7689, 80.9250,
14.3296

 89.7972, 94.8140,
108.1759

 68.2047, 80.3210,
12.5249

 90.0498, 95.3193,
108.2601

 67.9045, 79.9086,
11.8450

 90.3036, 95.8268,
108.3446

Harmonies

Analogous

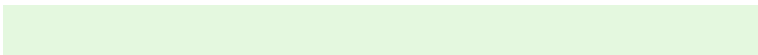
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2995, 89.0201, 76.6873



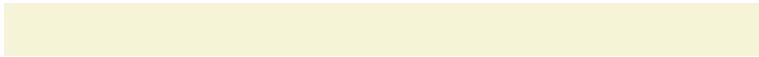
82.2726, 89.0201, 77.1364



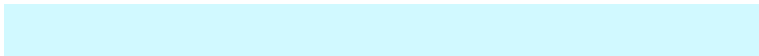
78.9755, 89.0201, 82.6161

Triad

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



82.2726, 89.0201, 77.1364



79.4538, 89.0201, 114.3948



92.4681, 89.0201, 101.8115

Complementary

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



82.2726, 89.0201, 77.1364



69.0616, 70.1502, 96.2874

Split Complementary

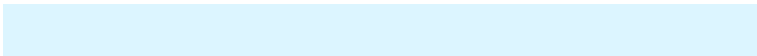
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5083, 89.0201, 112.8036



82.2726, 89.0201, 77.1364



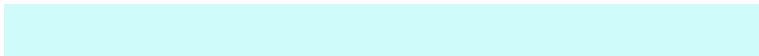
82.9446, 89.0201, 120.4488

Square

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



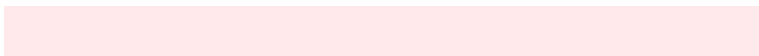
82.2726, 89.0201, 77.1364



77.3842, 89.0201, 103.8456



86.9932, 89.0201, 119.8442



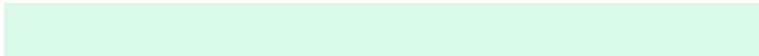
92.2741, 89.0201, 90.3242

Rectangle

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



82.2726, 89.0201, 77.1364



77.5956, 89.0201, 88.6517



86.9932, 89.0201, 119.8442



92.0368, 89.0201, 105.7035

Sweetspot

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



82.2750, 89.0240, 77.1383



93.3431, 99.1447, 100.4433



74.3524, 72.9725, 75.1334



19.9126, 21.1874, 21.1695



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.



82.2750, 89.0240, 77.1383



89.0885, 96.9700, 79.4969



77.8742, 87.2010, 77.0184



17.8648, 19.2137, 17.5646



36.6025, 43.0907, 6.3882



3.2315, 3.8163, 0.5663

Inverse Universe

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



69.0616, 70.1502, 96.2874



71.6673, 72.0859, 104.7444



73.0961, 71.8528, 96.4034



15.6252, 16.0147, 20.8102



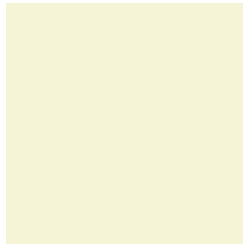
8.9459, 3.6856, 46.7779



0.8015, 0.3544, 4.1164

Previews

White Background



This preview shows how the XYZ color 82.2726, 89.0201, 77.1364 looks on a white background.

Color Contrast Check

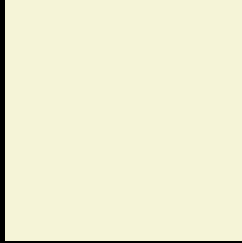
Large Text (above 18pt) WCAG AA × Fail

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 82.2726, 89.0201, 77.1364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

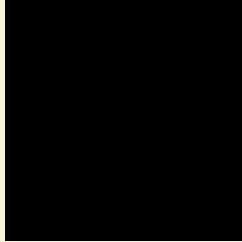
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

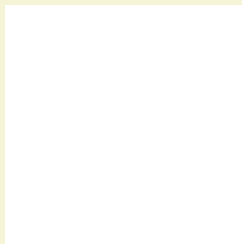
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2726, 89.0201, 77.1364

Background



This preview shows how black text looks on a background with the XYZ color 82.2726, 89.0201, 77.1364.

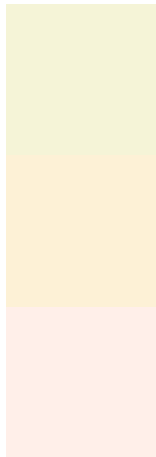


This preview shows how white text looks on a background with the XYZ color 82.2726, 89.0201,

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

82.2726, 89.0201, 77.1364

Protanopia

84.1009, 88.6483, 76.2966

Deuteranopia

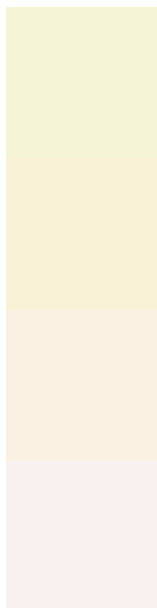
86.8145, 88.8762, 89.6700



Tritanopia

88.3408, 89.2770, 107.1839

Trichromacy



Original Color

82.2726, 89.0201, 77.1364

Protanomaly

83.3141, 88.6833, 76.3448

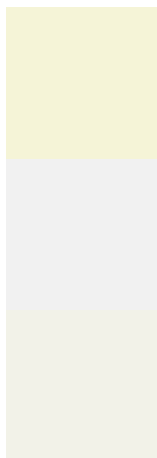
Deuteranomaly

84.9664, 88.9108, 84.6348

Tritanomaly

85.8949, 89.1583, 95.1202

Monochromacy



Original Color

82.2726, 89.0201, 77.1364

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 82.2726, 89.0201, 77.1364 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(245, 244, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 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(245, 244, 215) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 82.2726, 89.0201, 77.1364 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(245, 244, 215) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 82.2726, 89.0201, 77.1364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(245,  
244, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor