

Converting Colors

XYZ(81.6440, 86.0607, 79.0208)

Have a look what the booklet for
XYZ(81.6440, 86.0607, 79.0208)
contains.

XYZ(81.7185, 86.0377, 79.3177)	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(81.7185, 86.0377,
79.3177)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EEDB
RGB	247, 238, 219
RGB Percent	97%, 93%, 86%
CMY	0.0314, 0.0666, 0.1412
CMYK	0.00, 0.04, 0.11, 0.03
HSL	41°, 64%, 91%
HSV	41°, 11%, 97%
XYZ	81.7185, 86.0377, 79.3177
YIQ	238.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

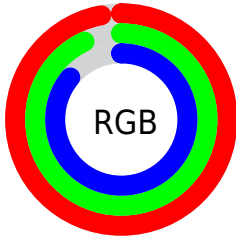
Format	Color
RYB	232, 247, 219
Decimal	16248539
CIELab	94.33, -0.11, 10.27
CIELCh	94, 10.266, 90.625
Yxy	86.0377, 0.3307, 0.3482
Android (android.graphics.Color)	4294438619 (0xFFFF7EEDB)
YUV	238.5250, -9.6258, 7.4326
Hunter-Lab	92.7565, -5.0654, 14.2296

Details

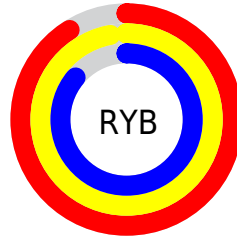
The XYZ color **81.7185, 86.0377, 79.3177** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7451, 77.2609, 99.0226**, and the grayscale version is **81.7431, 86.0001, 93.6541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9146, 47.2126, 41.8676** is the 20% darker color. If you saturate the color by 10%, you get **76.4462, 80.3160, 62.6901**, and if you desaturate by 10%, it is **87.5799, 92.1637, 98.5242**.

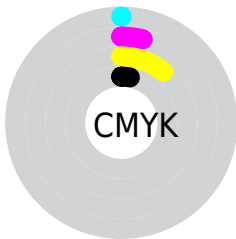
Distribution



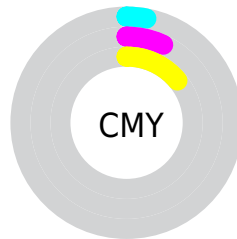
- Red (97%)
- Green (93%)
- Blue (86%)



- Red (91%)
- Yellow (97%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7185, 86.0377, 79.3177 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 81.7185, 86.0377, 79.3177 by changing the saturation by 10% instead.


 81.7185, 86.0377,
79.3177

 81.7185, 86.0377,
79.3177


489.3544,
515.0555, 512.2765

 61.4468, 64.6991,
58.6342


134.7171,
141.8221, 134.2087

 44.8398, 47.2172,
41.9006

168.1747,
177.0367, 169.2534

 31.5320, 33.2074,
28.6985


206.7583,
217.6455, 209.9221

 21.1581, 22.2854,
18.6093

250.8333,
264.0328, 256.6335

 13.3527, 14.0667,
11.2143

300.7651,
316.5831, 309.8061

 7.7506, 8.1671,
6.0952

356.9190,

 3.9862, 4.2020,

375.6807, 369.8584

2.8333

419.6603,
441.7101, 437.2090

■ 1.6943, 1.7872,
1.0102

■ 0.4527, 0.4792,
0.0000

■ 81.7185, 86.0377,
79.3177

■ 81.7185, 86.0377,
79.3177

■ 76.4462, 80.3160,
62.6901

■ 87.5799, 92.1637,
98.5242

■ 71.7335, 74.9762,
48.5240

■ 91.8107, 97.7995,
108.6460

■ 67.5587, 70.0103,
36.7008

■ 92.1682, 98.5144,
108.7651

■ 63.8958, 65.4058,
27.0903

■ 60.7162, 61.1490,
19.5492

■ 57.9882, 57.2250,
13.9170

■ 55.6756, 53.6170,
10.0099

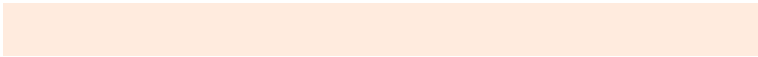
■ 53.7349, 50.3052,
7.6069

■ 52.2962, 47.6503,
6.4411

Harmonies

Analogous

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



84.4017, 86.0377, 81.0750



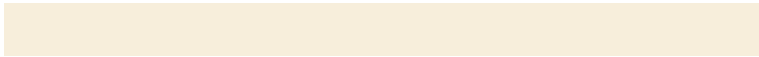
81.7185, 86.0377, 79.3177



79.1079, 86.0377, 81.2254

Triad

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



81.7185, 86.0377, 79.3177



77.3031, 86.0377, 101.6213



86.4787, 86.0377, 101.3191

Complementary

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



81.7185, 86.0377, 79.3177



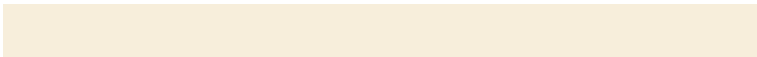
73.7451, 77.2609, 99.0226

Split Complementary

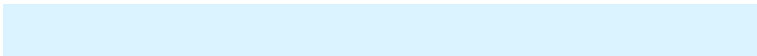
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5039, 86.0377, 107.3478



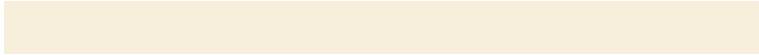
81.7185, 86.0377, 79.3177



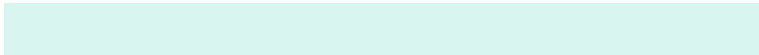
79.2058, 86.0377, 107.5290

Square

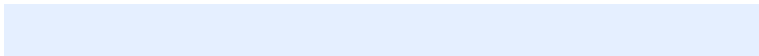
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7185, 86.0377, 79.3177



76.5941, 86.0377, 93.8460



81.8340, 86.0377, 109.6801



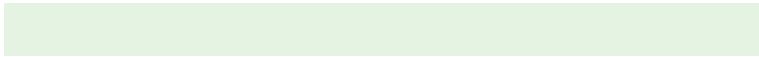
87.1871, 86.0377, 93.5151

Rectangle

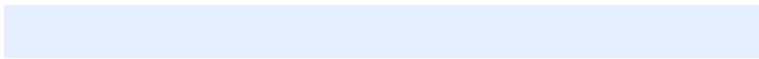
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7185, 86.0377, 79.3177



77.7503, 86.0377, 84.3840



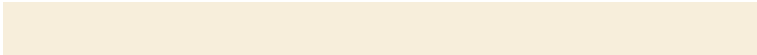
81.8340, 86.0377, 109.6801



85.9388, 86.0377, 103.6357

Sweetspot

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



81.7208, 86.0415, 79.3195



93.0636, 97.9590, 102.2821



77.7403, 76.0583, 84.2261



19.8079, 20.8519, 21.5234



0.0000, 0.0000, 0.0000



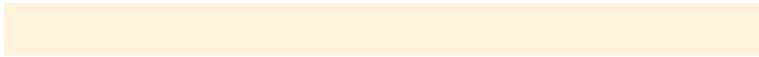
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7208, 86.0415, 79.3195



86.2755, 90.8098, 80.2059



82.7804, 90.5733, 80.1384



17.4397, 18.3634, 17.4229



27.7915, 25.4686, 3.4512



2.5353, 2.4238, 0.3342

Inverse Universe

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



73.7451, 77.2609, 99.0226



75.8651, 79.3492, 105.9252



72.7584, 73.1737, 98.2857



16.0158, 16.7958, 20.9404



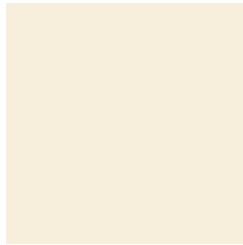
10.4844, 6.7626, 47.2908



1.0106, 0.7726, 4.1861

Previews

White Background



This preview shows how the XYZ color 81.7185, 86.0377, 79.3177 looks on a white background.

Color Contrast Check

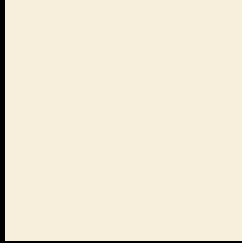
Large Text (above 18pt) WCAG AA × Fail

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 81.7185, 86.0377, 79.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

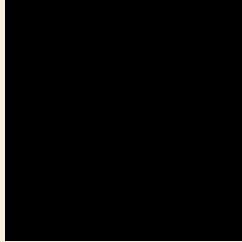
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7185, 86.0377, 79.3177

Background



This preview shows how black text looks on a background with the XYZ color 81.7185, 86.0377, 79.3177.



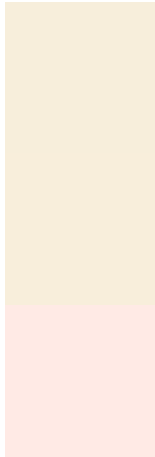
This preview shows how white text looks on a background with the XYZ color 81.7185, 86.0377,

79.3177.

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

81.7185, 86.0377, 79.3177

Protanopia

82.0721, 86.2200, 79.3343

Deuteranopia

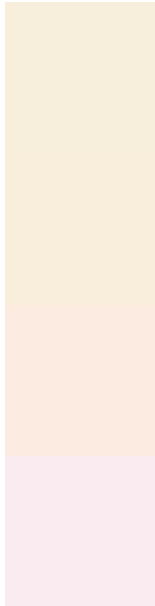
84.8057, 85.7628, 86.2129



Tritanopia

86.8545, 86.0015, 104.1177

Trichromacy



Original Color

81.7185, 86.0377, 79.3177

Protanomaly

82.0721, 86.2200, 79.3343

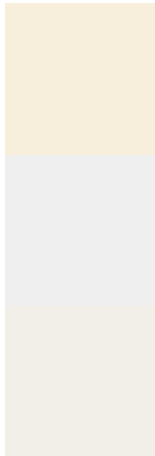
Deuteranomaly

83.4438, 85.5484, 83.3487

Tritanomaly

84.8608, 86.0319, 94.5713

Monochromacy



Original Color

81.7185, 86.0377, 79.3177

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.0499, 86.4364, 88.7033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7185, 86.0377, 79.3177 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(247, 238, 219) looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 219)  
}
```

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(247, 238, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 219) }
```

Border

The CSS property to change the border of an element to XYZ 81.7185, 86.0377, 79.3177 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(247, 238, 219) }
```


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

```
.border{ border-color:rgb(247, 238, 219) }
```

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

Here you see how a box with a 4 pixel rgb(247, 238, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 219);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7185, 86.0377, 79.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 219) }
```

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

```
.background{ background-color: rgb(247,  
238, 219) }
```

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