

Converting Colors

XYZ(80.9837, 83.6144, 81.4123)

Have a look what the booklet for
XYZ(80.9837, 83.6144, 81.4123)
contains.

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Color

**XYZ(80.8160, 83.3797,
81.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E9DF
RGB	247, 233, 223
RGB Percent	97%, 91%, 87%
CMY	0.0314, 0.0863, 0.1255
CMYK	0.00, 0.06, 0.10, 0.03
HSL	25°, 60%, 92%
HSV	25°, 10%, 97%
XYZ	80.8160, 83.3797, 81.6465
YIQ	236.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

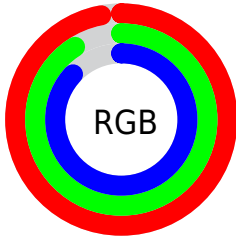
Format	Color
R _Y B	247, 240, 223
Decimal	16247263
CIE Lab	93.18, 3.08, 6.54
CIE LCh	93, 7.230, 64.790
Yxy	83.3797, 0.3287, 0.3392
Android (android.graphics.Color)	4294437343 (0xFF7E9DF)
YUV	236.0460, -6.4317, 9.6067
Hunter-Lab	91.3125, -1.8156, 10.9049

Details

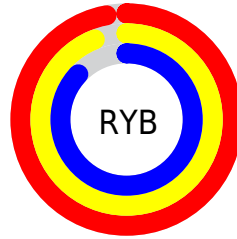
The XYZ color **80.8160, 83.3797, 81.6465** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5040, 82.9704, 99.9266**, and the grayscale version is **79.8075, 83.9637, 91.4365**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2759, 45.3478, 43.4652** is the 20% darker color. If you saturate the color by 10%, you get **73.8139, 74.3212, 64.0637**, and if you desaturate by 10%, it is **88.6415, 93.3056, 101.9025**.

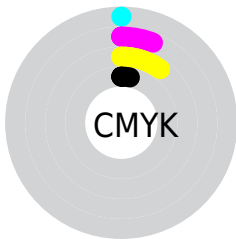
Distribution



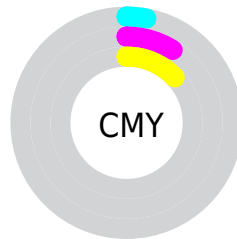
- Red (97%)
- Green (91%)
- Blue (87%)



- Red (97%)
- Yellow (94%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8160, 83.3797, 81.6465 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 80.8160, 83.3797, 81.6465 by changing the saturation by 10% instead.

80.8160, 83.3797,
81.6465

80.8160, 83.3797,
81.6465

486.3733,
506.2511, 520.3169

60.7008, 62.5034,
60.5401

133.4569,
138.1071, 137.5104

44.2354, 45.4396,
43.4260

166.7133,
172.7271, 173.1049

31.0543, 31.8038,
29.8856

205.0809,
212.6971, 214.3660

20.7922, 21.2117,
19.5005

248.9250,
258.4015, 261.7120

13.0838, 13.2788,
11.8520

298.6109,
310.2247, 315.5615

7.5637, 7.6208,
6.5217

354.5040,

3.8665, 3.8533,

368.5511, 376.3332

3.0909

416.9697,
433.7651, 444.4454

■ 1.6269, 1.5918,
1.1412

■ 0.4098, 0.3521,
0.0000

■ 80.8160, 83.3797,
81.6465

■ 80.8160, 83.3797,
81.6465

■ 73.8139, 74.3212,
64.0637

■ 88.6415, 93.3056,
101.9025

■ 67.5994, 66.0949,
49.0357

■ 92.1682, 98.5144,
108.7651

■ 62.1441, 58.6790,
36.4433

■ 57.4151, 52.0469,
26.1555

■ 53.3769, 46.1699,
18.0288

■ 49.9903, 41.0176,
11.9034

■ 47.2116, 36.5566,
7.5968

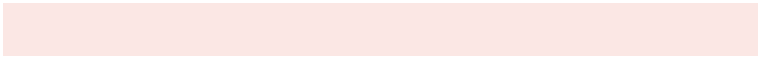
■ 44.9900, 32.7502,
4.8927

■ 43.2493, 29.5504,
3.4444

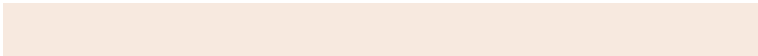
Harmonies

Analogous

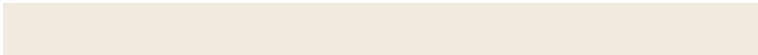
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2878, 83.3797, 84.9473



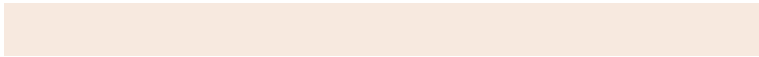
80.8160, 83.3797, 81.6465



78.9453, 83.3797, 80.7554

Triad

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



80.8160, 83.3797, 81.6465



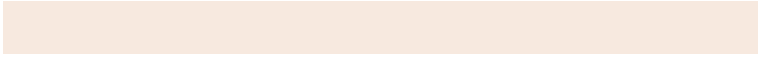
75.6653, 83.3797, 91.6626



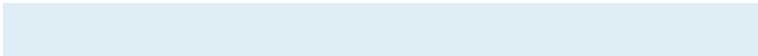
81.3524, 83.3797, 99.6516

Complementary

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



80.8160, 83.3797, 81.6465



77.5040, 82.9704, 99.9266

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.



79.5553, 83.3797, 101.6153



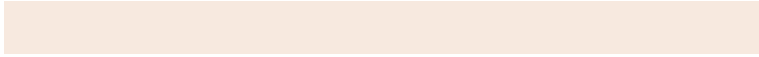
80.8160, 83.3797, 81.6465



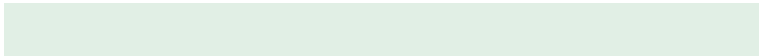
76.2877, 83.3797, 96.8870

Square

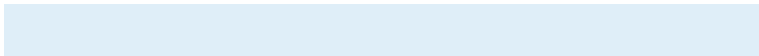
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8160, 83.3797, 81.6465



75.9908, 83.3797, 86.4029



77.7042, 83.3797, 100.5840



82.6009, 83.3797, 95.3156

Rectangle

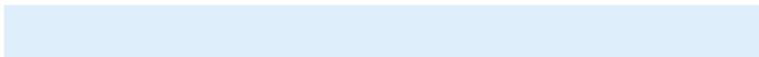
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8160, 83.3797, 81.6465



77.7282, 83.3797, 81.6162



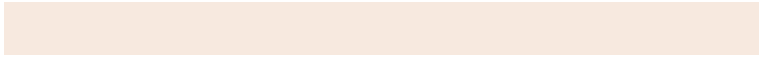
77.7042, 83.3797, 100.5840



80.7914, 83.3797, 100.6188

Sweetspot

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



80.8183, 83.3834, 81.6483



92.4359, 96.7037, 102.0729



80.0326, 78.6652, 91.0876



19.6385, 20.5131, 21.4669



0.0000, 0.0000, 0.0000



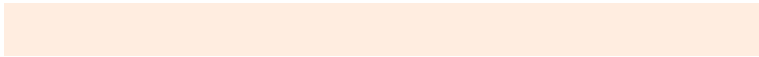
20.3446, 21.4041, 23.3091

Same Dimension

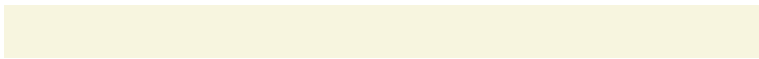
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8183, 83.3834, 81.6483



85.0781, 87.3221, 83.1765



84.3305, 90.4077, 82.8190



17.0667, 17.6175, 17.2986



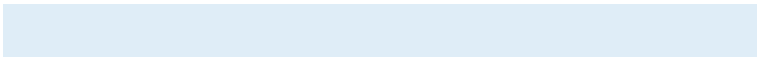
22.9820, 15.8495, 1.8480



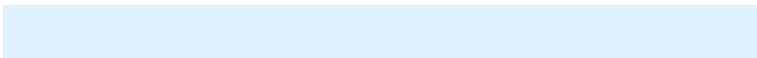
2.1189, 1.5911, 0.1954

Inverse Universe

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



77.5040, 82.9704, 99.9266



80.7395, 86.7811, 107.1027



74.1463, 76.2551, 98.8074



16.3841, 17.5324, 21.0631



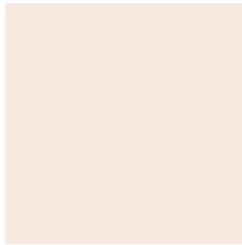
14.3000, 14.3938, 48.5626



1.3582, 1.4678, 4.3020

Previews

White Background



This preview shows how the XYZ color 80.8160, 83.3797, 81.6465 looks on a white background.

Color Contrast Check

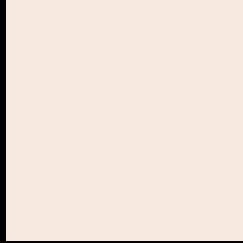
Large Text (above 18pt) WCAG AA × Fail

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 80.8160, 83.3797, 81.6465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

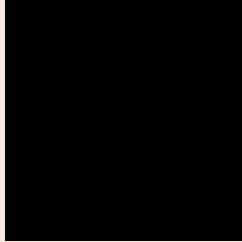
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

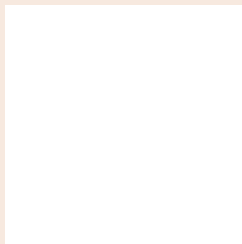
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8160, 83.3797, 81.6465

Background



This preview shows how black text looks on a background with the XYZ color 80.8160, 83.3797, 81.6465.



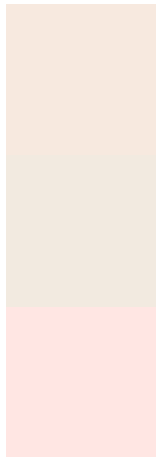
This preview shows how white text looks on a background with the XYZ color 80.8160, 83.3797,

81.6465.

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

80.8160, 83.3797, 81.6465

Protanopia

79.4953, 83.1047, 82.3720

Deuteranopia

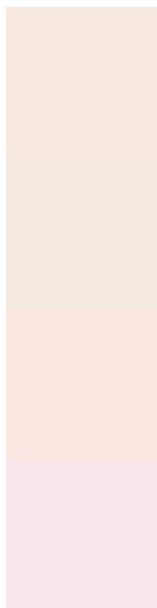
83.4019, 83.3997, 84.3750



Tritanopia

84.2322, 83.0780, 99.5918

Trichromacy



Original Color

80.8160, 83.3797, 81.6465

Protanomaly

80.1856, 83.4606, 82.4043

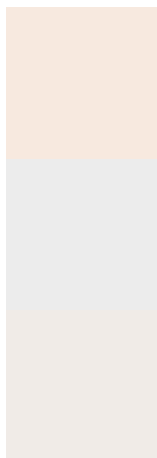
Deuteranomaly

82.4483, 83.3383, 83.6919

Tritanomaly

82.7964, 82.9064, 92.5276

Monochromacy



Original Color

80.8160, 83.3797, 81.6465

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.0673, 83.7114, 87.5392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8160, 83.3797, 81.6465 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, 233, 223) looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 223)  
}
```

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, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 223) }
```

Border

The CSS property to change the border of an element to XYZ 80.8160, 83.3797, 81.6465 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, 233, 223) }
```


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

```
.border{ border-color:rgb(247, 233, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 233, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 233,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8160, 83.3797, 81.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 223) }
```

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

```
.background{ background-color: rgb(247,  
233, 223) }
```

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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