

Converting Colors

XYZ(80.7304, 82.9670, 77.3272)

Have a look what the booklet for
XYZ(80.7304, 82.9670, 77.3272)
contains.

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Color

**XYZ(80.8053, 83.0470,
77.4164)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE8D9
RGB	250, 232, 217
RGB Percent	98%, 91%, 85%
CMY	0.0196, 0.0902, 0.1490
CMYK	0.00, 0.07, 0.13, 0.02
HSL	27°, 77%, 92%
HSV	27°, 13%, 98%
XYZ	80.8053, 83.0470, 77.4164
YIQ	235.6720, 15.5430, -0.8490

Conversions

Conversions Part 2

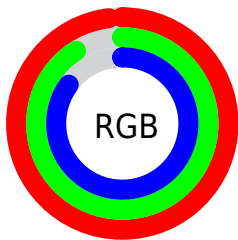
Format	Color
R _Y B	250, 245, 217
Decimal	16443609
CIE Lab	93.04, 3.69, 9.48
CIE LCh	93, 10.176, 68.765
Yxy	83.0470, 0.3349, 0.3442
Android (android.graphics.Color)	4294633689 (0xFFFAE8D9)
YUV	235.6720, -9.2053, 12.5657
Hunter-Lab	91.1301, -1.2013, 13.4234

Details

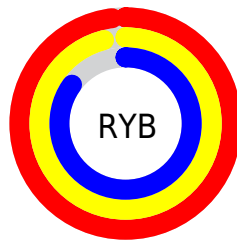
The XYZ color **80.8053, 83.0470, 77.4164** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5785, 81.0687, 102.1075**, and the grayscale version is **79.5398, 83.6820, 91.1297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0392, 44.9968, 40.5465** is the 20% darker color. If you saturate the color by 10%, you get **74.1076, 74.4667, 60.3377**, and if you desaturate by 10%, it is **88.2979, 92.4271, 97.1922**.

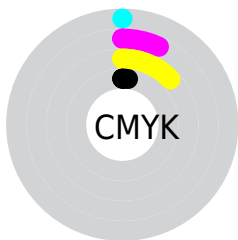
Distribution



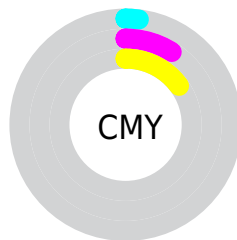
- Red (98%)
- Green (91%)
- Blue (85%)



- Red (98%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8053, 83.0470, 77.4164 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 80.8053, 83.0470, 77.4164 by changing the saturation by 10% instead.


 80.8053, 83.0470,
77.4164

 80.8053, 83.0470,
77.4164


486.3379,
505.1431, 505.6579

 60.6920, 62.2289,
57.0811


133.4419,
137.6413, 131.5055

 44.2282, 45.2177,
40.6606


166.6960,
172.1863, 166.0963

 31.0487, 31.6289,
27.7362


205.0610,
212.0757, 206.2761

 20.7879, 21.0782,
17.8896

248.9023,
257.6940, 252.4634

 13.0806, 13.1812,
10.7022

298.5853,
309.4255, 305.0766

 7.5615, 7.5534,
5.7553

354.4754,

 3.8651, 3.8106,

367.6545, 364.5345

2.6305

416.9378,
432.7656, 431.2554

■ 1.6261, 1.5682,
0.9081

■ 0.4093, 0.3360,
0.0000

■ 80.8053, 83.0470,
77.4164

■ 80.8053, 83.0470,
77.4164

■ 74.1076, 74.4667,
60.3377

■ 88.2979, 92.4271,
97.1922

■ 68.1692, 66.6529,
45.8324

■ 93.2346, 99.0641,
108.8150

■ 62.9616, 59.5859,
33.7746

■ 58.4518, 53.2410,
24.0258

■ 54.6038, 47.5915,
16.4337

■ 51.3777, 42.6092,
10.8269

■ 48.7282, 38.2627,
7.0078

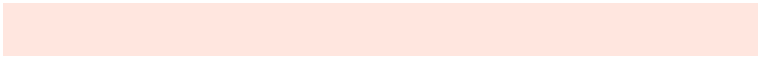
■ 46.6019, 34.5168,
4.7366

■ 45.4052, 32.2853,
3.8386

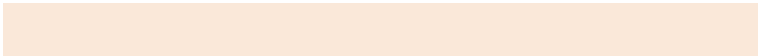
Harmonies

Analogous

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



82.9993, 83.0470, 81.5384



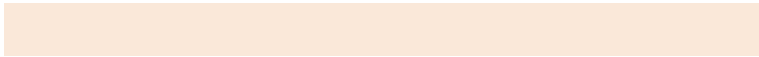
80.8053, 83.0470, 77.4164



78.1550, 83.0470, 76.6745

Triad

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



80.8053, 83.0470, 77.4164



73.9741, 83.0470, 92.6800



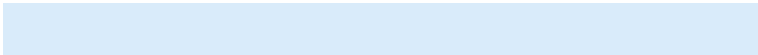
82.1876, 83.0470, 102.3632

Complementary

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



80.8053, 83.0470, 77.4164



75.5785, 81.0687, 102.1075

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.



79.7175, 83.0470, 105.7264



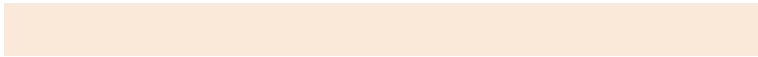
80.8053, 83.0470, 77.4164



75.0031, 83.0470, 99.9329

Square

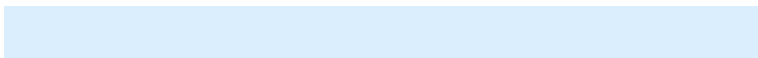
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8053, 83.0470, 77.4164



74.2505, 83.0470, 85.2093



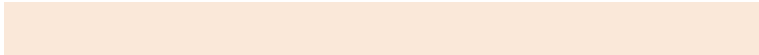
77.0912, 83.0470, 104.8128



83.8097, 83.0470, 95.8474

Rectangle

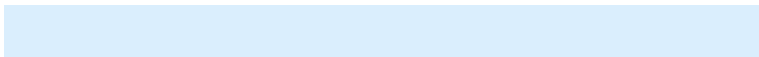
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8053, 83.0470, 77.4164



76.4921, 83.0470, 78.1535



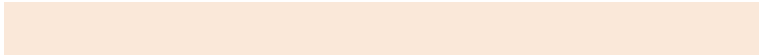
77.0912, 83.0470, 104.8128



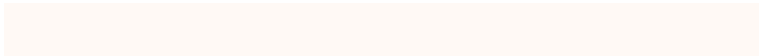
81.4267, 83.0470, 103.9161

Sweetspot

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



80.8076, 83.0507, 77.4182



91.7021, 95.8627, 99.8963



79.2552, 75.9576, 89.1959



19.4965, 20.3553, 21.0308



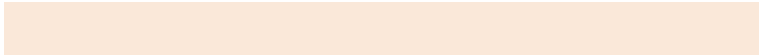
0.0000, 0.0000, 0.0000



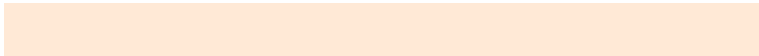
20.3446, 21.4041, 23.3091

Same Dimension

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



80.8076, 83.0507, 77.4182



82.4718, 84.2625, 75.6699



85.6246, 92.6847, 79.0238



17.8947, 18.5252, 18.0950



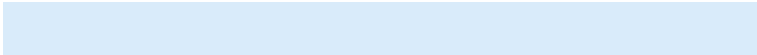
24.2238, 17.4043, 2.0826



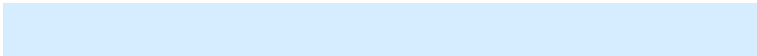
2.3480, 1.8208, 0.2277

Inverse Universe

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



75.5785, 81.0687, 102.1075



75.9647, 81.7957, 106.3921



71.1119, 72.1356, 100.6187



17.0675, 18.2117, 22.0010



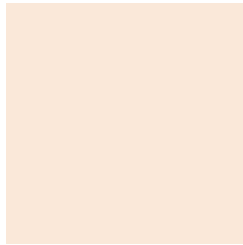
13.9930, 13.3416, 49.8112



1.4020, 1.4476, 4.6487

Previews

White Background



This preview shows how the XYZ color 80.8053, 83.0470, 77.4164 looks on a white background.

Color Contrast Check

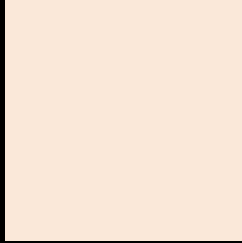
Large Text (above 18pt) WCAG AA × Fail

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 80.8053, 83.0470, 77.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

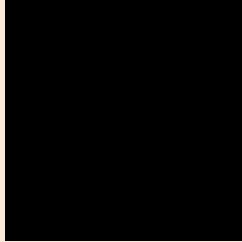
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.8053, 83.0470, 77.4164

Background



This preview shows how black text looks on a background with the XYZ color 80.8053, 83.0470, 77.4164.



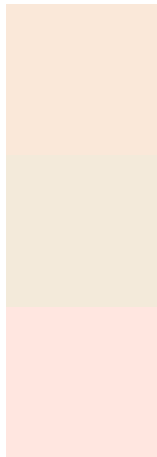
This preview shows how white text looks on a background with the XYZ color 80.8053, 83.0470,

77.4164.

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

80.8053, 83.0470, 77.4164

Protanopia

79.0399, 82.9623, 78.1771

Deuteranopia

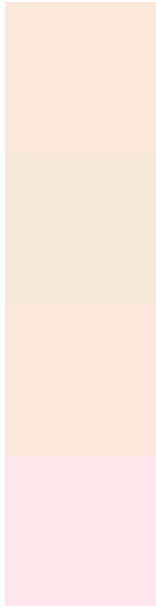
82.9914, 83.2354, 82.2129



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

80.8053, 83.0470, 77.4164

Protanomaly

79.7998, 82.9326, 78.1314

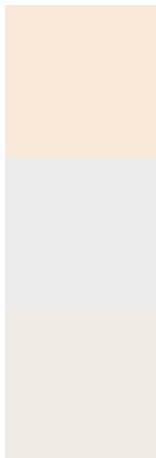
Deuteranomaly

82.1351, 83.2549, 80.1474

Tritanomaly

83.5227, 82.9194, 90.2002

Monochromacy



Original Color

80.8053, 83.0470, 77.4164

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.1268, 83.7746, 86.0757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8053, 83.0470, 77.4164 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(250, 232, 217) looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 217)  
}
```

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(250, 232, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 217) }
```

Border

The CSS property to change the border of an element to XYZ 80.8053, 83.0470, 77.4164 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(250, 232, 217) }
```


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

```
.border{ border-color:rgb(250, 232, 217) }
```

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

Here you see how a box with a 4 pixel rgb(250, 232, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8053, 83.0470, 77.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 217) }
```

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

```
.background{ background-color: rgb(250,  
232, 217) }
```

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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