

Converting Colors

XYZ(83.0960, 87.8837, 84.0622)

Have a look what the booklet for
XYZ(83.0960, 87.8837, 84.0622)
contains.

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Color

**XYZ(83.0519, 87.9397,
83.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F1E1
RGB	246, 241, 225
RGB Percent	96%, 95%, 88%
CMY	0.0353, 0.0549, 0.1176
CMYK	0.00, 0.02, 0.09, 0.04
HSL	46°, 54%, 92%
HSV	46°, 9%, 96%
XYZ	83.0519, 87.9397, 83.8309
YIQ	240.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

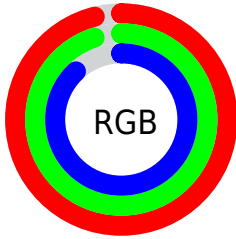
Format	Color
RYB	232, 246, 225
Decimal	16183777
CIELab	95.14, -1.02, 8.31
CIELCh	95, 8.369, 96.992
Yxy	87.9397, 0.3259, 0.3451
Android (android.graphics.Color)	4294373857 (0xFFFF6F1E1)
YUV	240.6710, -7.7258, 4.6735
Hunter-Lab	93.7762, -6.0216, 12.6412

Details

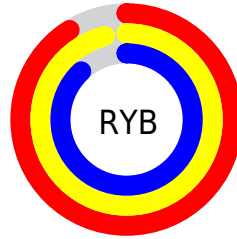
The XYZ color **83.0519, 87.9397, 83.8309** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9825, 79.2535, 98.4823**, and the grayscale version is **83.4069, 87.7505, 95.5603**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8399, 48.5474, 44.9848** is the 20% darker color. If you saturate the color by 10%, you get **78.2314, 83.2872, 66.8428**, and if you desaturate by 10%, it is **88.4165, 92.9046, 103.3878**.

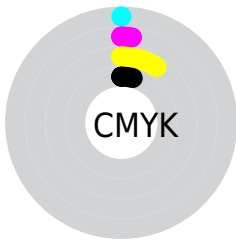
Distribution



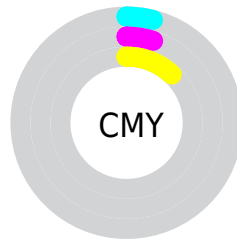
- Red (96%)
- Green (95%)
- Blue (88%)



- Red (91%)
- Yellow (96%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0519, 87.9397, 83.8309 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 83.0519, 87.9397, 83.8309 by changing the saturation by 10% instead.


 83.0519, 87.9397,
83.8309

 83.0519, 87.9397,
83.8309


493.7408,
521.3057, 527.7949

 62.5500, 66.2731,
62.3313


136.5763,
144.4732, 140.5982

 45.7346, 48.4942,
44.8629


170.3295,
180.1089, 176.7030

 32.2401, 34.2184,
31.0073


209.2306,
221.1698, 218.5132

 21.7014, 23.0614,
20.3459

253.6448,
268.0403, 266.4474

 13.7530, 14.6389,
12.4602

303.9376,
321.1047, 320.9241

 8.0297, 8.5663,
6.9315

360.4743,

 4.1659, 4.4594,

380.7475, 382.3619

3.3415

423.6202,
447.3531, 451.1793

■ 1.7964, 1.9337,
1.2716

■ 0.5155, 0.5685,
0.0383

■ 83.0519, 87.9397,
83.8309

■ 83.0519, 87.9397,
83.8309

■ 78.2314, 83.2872,
66.8428

■ 88.4165, 92.9046,
103.3878

■ 73.9265, 78.9264,
52.3094

■ 91.0898, 96.8799,
108.5065

■ 70.1173, 74.8511,
40.1162

■ 91.8164, 98.3330,
108.7487

■ 66.7792, 71.0509,
30.1373

■ 63.8856, 67.5140,
22.2351

■ 61.4069, 64.2280,
16.2564

■ 59.3095, 61.1783,
12.0269

■ 57.5536, 58.3483,
9.3402

■ 56.0829, 55.7144,
7.9015

Harmonies

Analogous

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



85.3080, 87.9397, 84.6616



83.0519, 87.9397, 83.8309



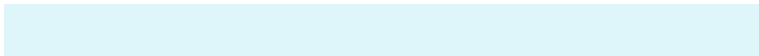
80.9758, 87.9397, 86.0763

Triad

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



83.0519, 87.9397, 83.8309



80.1338, 87.9397, 103.5004



87.6814, 87.9397, 100.7392

Complementary

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



83.0519, 87.9397, 83.8309



75.9825, 79.2535, 98.4823

Split Complementary

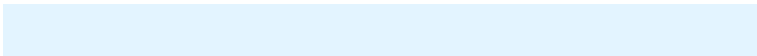
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2477, 87.9397, 106.1255



83.0519, 87.9397, 83.8309



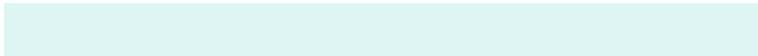
81.8835, 87.9397, 107.7697

Square

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



83.0519, 87.9397, 83.8309



79.3110, 87.9397, 97.2868



84.1185, 87.9397, 108.7515



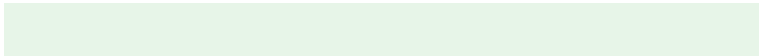
88.0079, 87.9397, 94.2322

Rectangle

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



83.0519, 87.9397, 83.8309



79.9640, 87.9397, 89.0783



84.1185, 87.9397, 108.7515



87.3117, 87.9397, 102.7496

Sweetspot

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



83.0543, 87.9435, 83.8328



93.2648, 98.3615, 102.3492



79.2503, 79.1717, 86.1530



19.8623, 20.9608, 21.5415



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

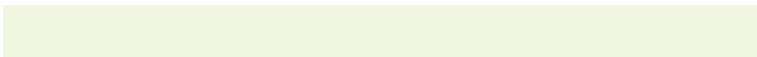
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0543, 87.9435, 83.8328



89.3083, 94.6560, 88.0587



82.7376, 90.0055, 84.2475



17.5611, 18.6064, 17.4634



29.9402, 29.7660, 4.1674



2.7099, 2.7731, 0.3924

Inverse Universe

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



75.9825, 79.2535, 98.4823



80.3934, 83.7013, 106.5265



76.2743, 77.3699, 98.1033



15.9011, 16.5665, 20.9021



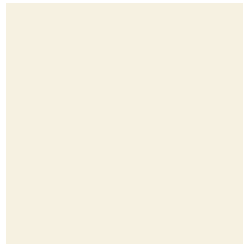
9.7899, 5.3737, 47.0593



0.9367, 0.6249, 4.1615

Previews

White Background



This preview shows how the XYZ color 83.0519, 87.9397, 83.8309 looks on a white background.

Color Contrast Check

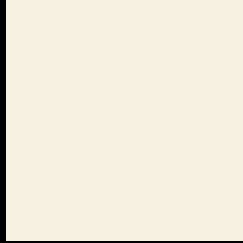
Large Text (above 18pt) WCAG AA × Fail

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 83.0519, 87.9397, 83.8309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

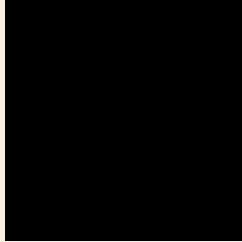
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

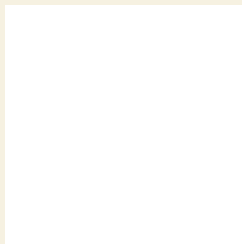
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0519, 87.9397, 83.8309

Background



This preview shows how black text looks on a background with the XYZ color 83.0519, 87.9397, 83.8309.



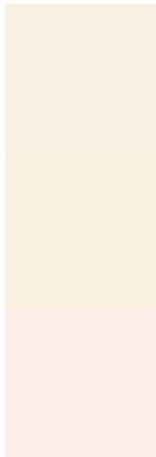
This preview shows how white text looks on a background with the XYZ color 83.0519, 87.9397,

83.8309.

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

83.0519, 87.9397, 83.8309

Protanopia

83.6816, 87.8417, 83.0657

Deuteranopia

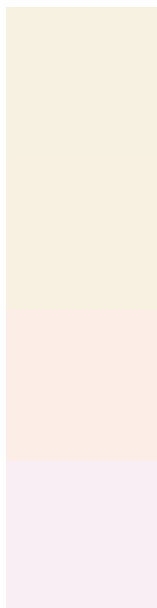
86.3755, 87.7689, 90.2305



Tritanopia

87.7585, 88.1124, 106.9898

Trichromacy



Original Color

83.0519, 87.9397, 83.8309

Protanomaly

83.3260, 87.6585, 83.0490

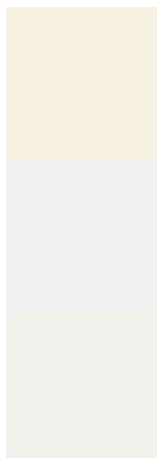
Deuteranomaly

85.1432, 87.6140, 88.0250

Tritanomaly

85.9706, 87.8205, 98.0079

Monochromacy



Original Color

83.0519, 87.9397, 83.8309

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.4128, 87.9634, 91.1796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0519, 87.9397, 83.8309 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, 241, 225) looks like.

```
.text, #text, p{  
    color:rgb(246, 241, 225)  
}
```

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, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 241, 225) }
```

Border

The CSS property to change the border of an element to XYZ 83.0519, 87.9397, 83.8309 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, 241, 225) }
```


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

```
.border{ border-color:rgb(246, 241, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 241, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 241, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 241, 225);  
box-shadow:4px 4px 4px 4px rgb(246, 241,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0519, 87.9397, 83.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 241, 225) }
```

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

```
.background{ background-color: rgb(246,  
241, 225) }
```

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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