

Converting Colors

XYZ(80.9921, 83.2891, 70.8391)

Have a look what the booklet for
XYZ(80.9921, 83.2891, 70.8391)
contains.

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Color

**XYZ(80.9921, 83.2891,
70.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE8CF
RGB	254, 232, 207
RGB Percent	100%, 91%, 81%
CMY	0.0039, 0.0902, 0.1882
CMYK	0.00, 0.09, 0.19, 0.00
HSL	32°, 96%, 90%
HSV	32°, 19%, 100%
XYZ	80.9921, 83.2891, 70.8391
YIQ	235.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

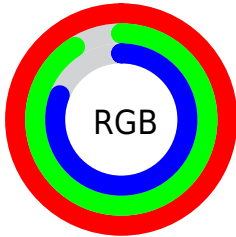
Format	Color
R_{YB}	248, 254, 207
Decimal	16705743
CIE _{Lab}	93.14, 3.59, 14.87
CIE _{LCh}	93, 15.301, 76.415
Yxy	83.2891, 0.3445, 0.3542
Android (android.graphics.Color)	4294895823 (0xFFFE8CF)
YUV	235.7280, -14.1629, 16.0245
Hunter-Lab	91.2629, -1.2985, 17.8625

Details

The XYZ color **80.9921, 83.2891, 70.8391** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.6402, 76.4577, 104.7483**, and the grayscale version is **79.6162, 83.7625, 91.2173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3011, 45.2209, 36.5306** is the 20% darker color. If you saturate the color by 10%, you get **74.9003, 75.6812, 54.7007**, and if you desaturate by 10%, it is **87.8143, 91.5569, 89.6874**.

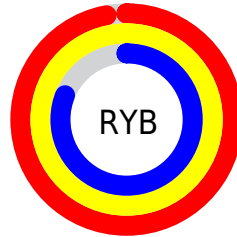
Distribution



Red (100%)

Green (91%)

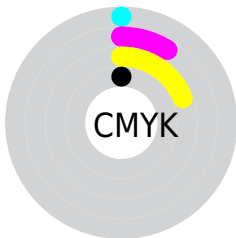
Blue (81%)



Red (97%)

Yellow (100%)

Blue (81%)

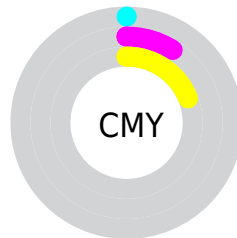


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9921, 83.2891, 70.8391 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 80.9921, 83.2891, 70.8391 by changing the saturation by 10% instead.


 80.9921, 83.2891,
70.8391

 80.9921, 83.2891,
70.8391


486.9558,
505.9495, 482.3593

 60.8464, 62.4287,
51.7299


133.7029,
137.9803, 122.0969

 44.3533, 45.3792,
36.4091


166.9987,
172.5799, 155.0826

 31.1474, 31.7562,
24.4581


205.4085,
212.5279, 193.5308

 20.8635, 21.1753,
15.4584

249.2977,
258.2089, 237.8601

 13.1362, 13.2522,
8.9916

299.0317,
310.0071, 288.4891

 7.6000, 7.6025,
4.6389

354.9758,

 3.8897, 3.8416,

368.3070, 345.8363

1.9820

417.4954,
433.4930, 410.3201

■ 1.6399, 1.5854,
0.5442

■ 0.4182, 0.3477,
0.0000

■ 80.9921, 83.2891,
70.8391

■ 80.9921, 83.2891,
70.8391

■ 74.9003, 75.6812,
54.7007

■ 87.8143, 91.5569,
89.6874

■ 69.5039, 68.7037,
41.1400

94.6832, 99.8109,
108.8828

■ 64.7748, 62.3408,
30.0213

■ 60.6800, 56.5717,
21.1943

■ 57.1832, 51.3741,
14.4920

■ 54.2436, 46.7236,
9.7241

■ 51.8135, 42.5926,
6.6658

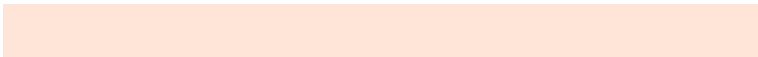
■ 49.8276, 38.9463,
5.0003

■ 49.5561, 38.4367,
4.8071

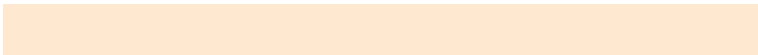
Harmonies

Analogous

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



84.6096, 83.2891, 75.5887



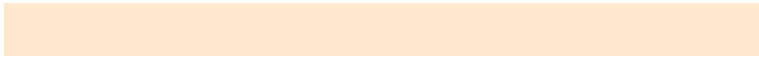
80.9921, 83.2891, 70.8391



77.0009, 83.2891, 71.0792

Triad

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



80.9921, 83.2891, 70.8391



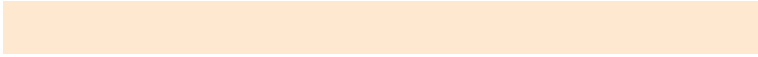
71.9829, 83.2891, 97.0839



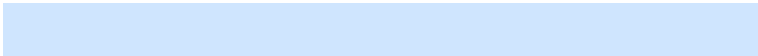
84.8919, 83.2891, 106.8105

Complementary

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



80.9921, 83.2891, 70.8391



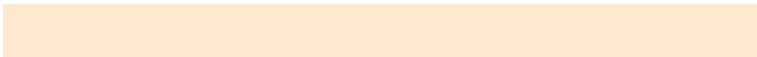
71.6402, 76.4577, 104.7483

Split Complementary

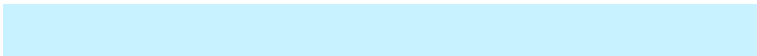
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3668, 83.2891, 113.6065



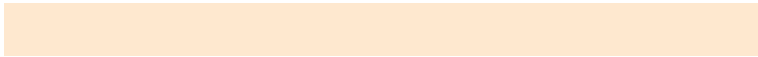
80.9921, 83.2891, 70.8391



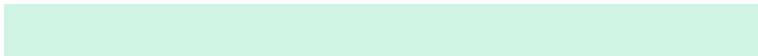
73.9568, 83.2891, 107.6743

Square

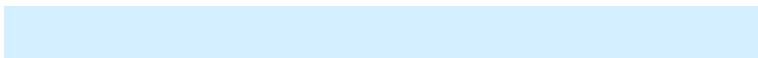
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9921, 83.2891, 70.8391



71.8903, 83.2891, 85.5899



77.3632, 83.2891, 113.9354



86.9120, 83.2891, 95.9839

Rectangle

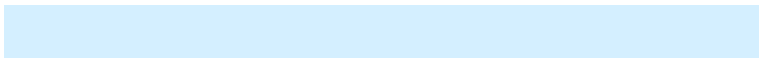
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.9921, 83.2891, 70.8391



74.6663, 83.2891, 74.0245



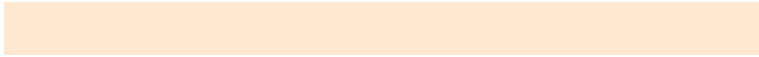
77.3632, 83.2891, 113.9354



83.8384, 83.2891, 109.6808

Sweetspot

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



80.9943, 83.2928, 70.8409



90.4419, 94.5699, 95.6916



77.4298, 71.3947, 84.3549



19.2545, 20.1185, 20.1877



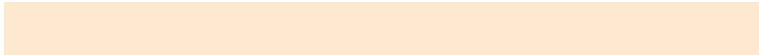
0.0000, 0.0000, 0.0000



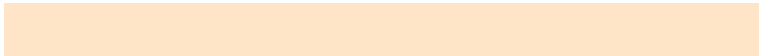
20.3446, 21.4041, 23.3091

Same Dimension

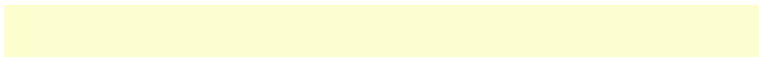
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9943, 83.2928, 70.8409



79.4865, 81.2775, 65.4707



87.2918, 96.3124, 73.0220



18.8096, 19.5873, 18.9337



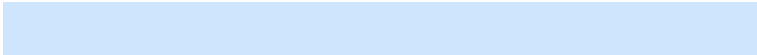
26.2757, 20.5626, 2.5841



2.6678, 2.2209, 0.2881

Inverse Universe

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



71.6402, 76.4577, 104.7483



68.5433, 73.2817, 105.1399



66.1547, 65.1610, 102.8569



17.7038, 18.7793, 22.9416



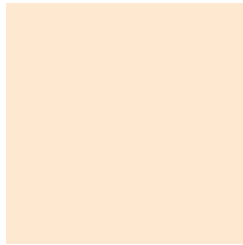
13.0456, 11.0008, 50.8704



1.3784, 1.2874, 4.9891

Previews

White Background



This preview shows how the XYZ color 80.9921, 83.2891, 70.8391 looks on a white background.

Color Contrast Check

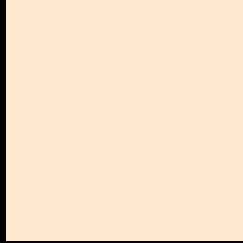
Large Text (above 18pt) WCAG AA × Fail

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 80.9921, 83.2891, 70.8391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

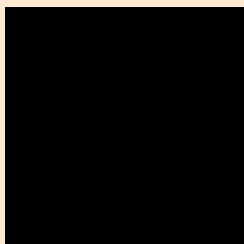
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9921, 83.2891, 70.8391

Background



This preview shows how black text looks on a background with the XYZ color 80.9921, 83.2891, 70.8391.



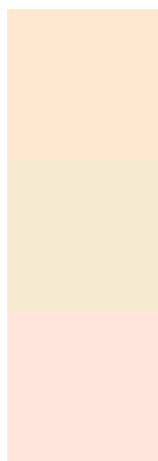
This preview shows how white text looks on a background with the XYZ color 80.9921, 83.2891,

70.8391.

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

80.9921, 83.2891, 70.8391

Protanopia

79.0995, 83.5636, 71.6349

Deuteranopia

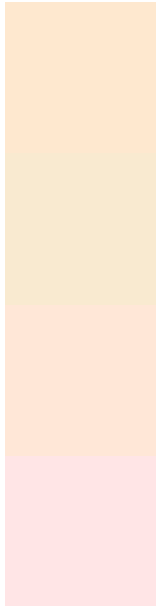
82.4551, 83.0209, 79.3889



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

80.9921, 83.2891, 70.8391

Protanomaly

79.8749, 83.5394, 71.5894

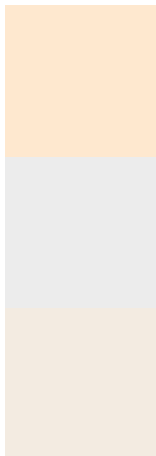
Deuteranomaly

82.0817, 83.3181, 76.0458

Tritanomaly

83.5422, 83.0118, 86.4826

Monochromacy



Original Color

80.9921, 83.2891, 70.8391

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.2611, 83.9076, 83.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9921, 83.2891, 70.8391 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(254, 232, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 207)  
}
```

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(254, 232, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 207) }
```

Border

The CSS property to change the border of an element to XYZ 80.9921, 83.2891, 70.8391 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(254, 232, 207) }
```


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

```
.border{ border-color:rgb(254, 232, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9921, 83.2891, 70.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 207) }
```

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

```
.background{ background-color: rgb(254,  
232, 207) }
```

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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