

Converting Colors

XYZ(80.1096, 83.6746, 70.9601)

Have a look what the booklet for
XYZ(80.1096, 83.6746, 70.9601)
contains.

XYZ(80.1096, 83.6746, 70.9601)	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(80.1096, 83.6746,
70.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEACF
RGB	250, 234, 207
RGB Percent	98%, 92%, 81%
CMY	0.0196, 0.0823, 0.1882
CMYK	0.00, 0.06, 0.17, 0.02
HSL	38°, 81%, 90%
HSV	38°, 17%, 98%
XYZ	80.1096, 83.6746, 70.9601
YIQ	235.7060, 18.2030, -5.0050

Conversions

Conversions Part 2

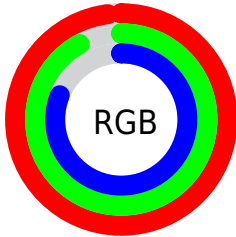
Format	Color
R _Y B	232, 250, 207
Decimal	16444111
CIE Lab	93.31, 1.14, 15.06
CIE LCh	93, 15.107, 85.667
Yxy	83.6746, 0.3413, 0.3564
Android (android.graphics.Color)	4294634191 (0xFFFAEACF)
YUV	235.7060, -14.1521, 12.5358
Hunter-Lab	91.4738, -3.7551, 18.0379

Details

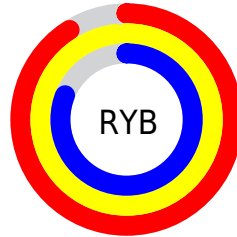
The XYZ color **80.1096, 83.6746, 70.9601** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.3748, 72.9412, 100.8656**, and the grayscale version is **79.6009, 83.7463, 91.1997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6625, 45.4782, 36.6139** is the 20% darker color. If you saturate the color by 10%, you get **74.7142, 77.3936, 55.2575**, and if you desaturate by 10%, it is **86.1324, 90.4346, 89.2613**.

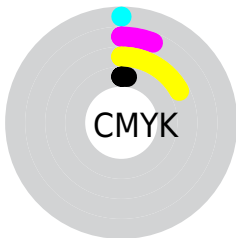
Distribution



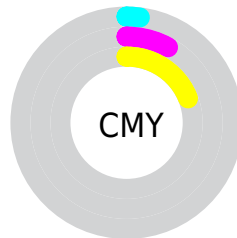
- Red (98%)
- Green (92%)
- Blue (81%)



- Red (91%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.1096, 83.6746, 70.9601 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 80.1096, 83.6746, 70.9601 by changing the saturation by 10% instead.

80.1096, 83.6746,
70.9601

80.1096, 83.6746,
70.9601

484.0330,
507.2320, 482.7938

60.1173, 62.7468,
51.8280

132.4695,
138.5199, 122.2708

43.7630, 45.6364,
36.4867

165.5679,
173.2062, 155.2866

30.6814, 31.9590,
24.5177

203.7657,
213.2475, 193.7672

20.5070, 21.3302,
15.5023

247.4282,
259.0281, 238.1314

12.8745, 13.3656,
9.0222

296.9208,
310.9325, 288.7976

7.4186, 7.6808,
4.6586

352.6090,

3.7739, 3.8914,

369.3450, 346.1844

1.9932

414.8579,
434.6500, 410.7103

■ 1.5750, 1.6130,
0.5511

■ 0.3760, 0.3663,
0.0000

■ 80.1096, 83.6746,
70.9601

■ 80.1096, 83.6746,
70.9601

■ 74.7142, 77.3936,
55.2575

■ 86.1324, 90.4346,
89.2613

■ 69.9148, 71.5671,
42.0280

■ 92.4753, 97.5455,
108.5619

■ 65.6868, 66.1847,
31.1433

■ 93.2346, 99.0641,
108.8150

■ 62.0013, 61.2313,
22.4614

■ 58.8261, 56.6904,
15.8248

■ 56.1253, 52.5438,
11.0549

■ 53.8566, 48.7710,
7.9418

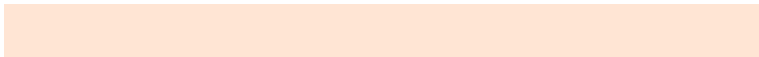
■ 51.9664, 45.3464,
6.2148

■ 51.4826, 44.4403,
5.8644

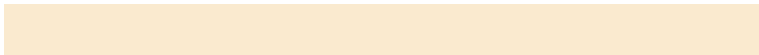
Harmonies

Analogous

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



83.9234, 83.6746, 74.1862



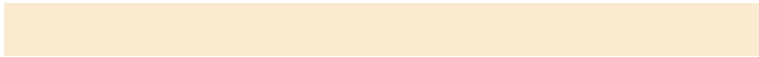
80.1096, 83.6746, 70.9601



76.2624, 83.6746, 72.7521

Triad

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



80.1096, 83.6746, 70.9601



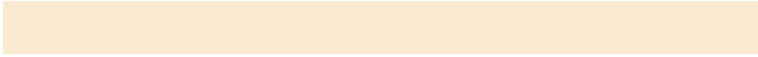
72.8322, 83.6746, 100.9307



86.0163, 83.6746, 104.0316

Complementary

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



80.1096, 83.6746, 70.9601



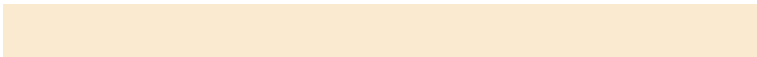
69.3748, 72.9412, 100.8656

Split Complementary

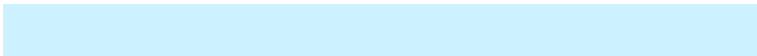
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8900, 83.6746, 112.3164



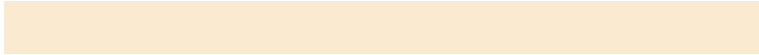
80.1096, 83.6746, 70.9601



75.2930, 83.6746, 110.4239

Square

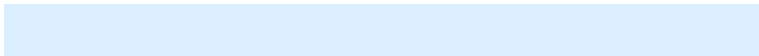
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1096, 83.6746, 70.9601



72.1431, 83.6746, 89.4621



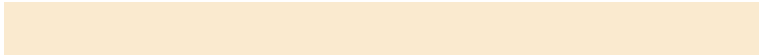
78.9536, 83.6746, 114.7473



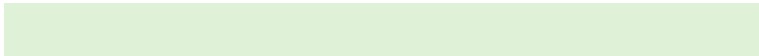
87.4051, 83.6746, 92.7728

Rectangle

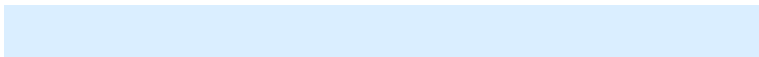
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1096, 83.6746, 70.9601



74.1826, 83.6746, 76.6380



78.9536, 83.6746, 114.7473



85.1288, 83.6746, 107.2922

Sweetspot

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



80.1118, 83.6783, 70.9619



91.5702, 96.2171, 97.9469



75.1226, 70.3046, 79.7659



19.4981, 20.4828, 20.6475



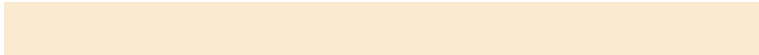
0.0000, 0.0000, 0.0000



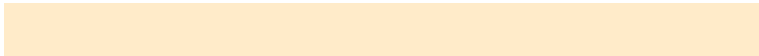
20.3446, 21.4041, 23.3091

Same Dimension

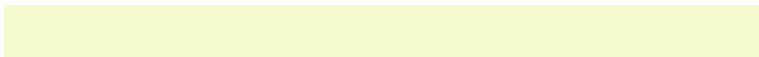
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1118, 83.6783, 70.9619



81.5671, 84.9612, 67.6364



83.0992, 92.2863, 72.4659



18.1531, 19.0420, 18.1811



27.4504, 23.8574, 3.1581



2.6439, 2.4127, 0.3263

Inverse Universe

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



69.3748, 72.9412, 100.8656



68.2126, 71.6081, 104.8343



66.7254, 65.5285, 99.5744



16.8119, 17.7006, 21.9158



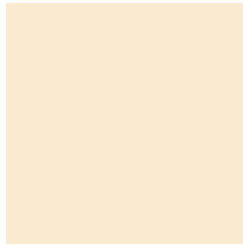
11.3549, 8.0655, 48.9319



1.1495, 0.9426, 4.5645

Previews

White Background



This preview shows how the XYZ color 80.1096, 83.6746, 70.9601 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 80.1096, 83.6746, 70.9601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

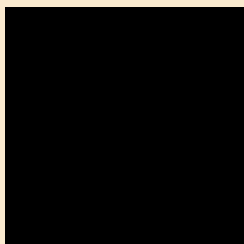
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1096, 83.6746, 70.9601

Background



This preview shows how black text looks on a background with the XYZ color 80.1096, 83.6746, 70.9601.



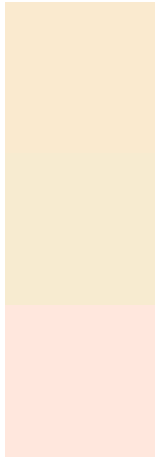
This preview shows how white text looks on a background with the XYZ color 80.1096, 83.6746,

70.9601.

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

80.1096, 83.6746, 70.9601

Protanopia

79.4513, 83.7449, 71.6514

Deuteranopia

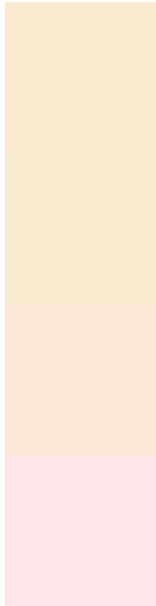
82.8671, 83.6323, 80.1817



Tritanopia

85.6180, 83.4006, 98.7742

Trichromacy



Original Color

80.1096, 83.6746, 70.9601

Protanomaly

79.8049, 83.9272, 71.6679

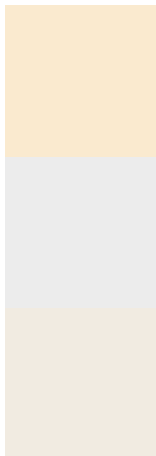
Deuteranomaly

81.7593, 83.5537, 76.7841

Tritanomaly

83.3703, 83.3025, 88.0288

Monochromacy



Original Color

80.1096, 83.6746, 70.9601

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5746, 83.5537, 83.1676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1096, 83.6746, 70.9601 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, 234, 207)` looks like.

```
.text, #text, p{  
    color:rgb(250, 234, 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(250, 234, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 234, 207) }
```

Border

The CSS property to change the border of an element to XYZ 80.1096, 83.6746, 70.9601 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, 234, 207) }
```


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

```
.border{ border-color:rgb(250, 234, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 234, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 234, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 234, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 234,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1096, 83.6746, 70.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 234, 207) }
```

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

```
.background{ background-color: rgb(250,  
234, 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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