

Converting Colors

XYZ(81.9166, 84.7839, 82.0957)

Have a look what the booklet for
XYZ(81.9166, 84.7839, 82.0957)
contains.

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Color

**XYZ(81.7390, 84.7008,
81.8528)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EBDF
RGB	248, 235, 223
RGB Percent	97%, 92%, 87%
CMY	0.0274, 0.0784, 0.1255
CMYK	0.00, 0.05, 0.10, 0.03
HSL	29°, 64%, 92%
HSV	29°, 10%, 97%
XYZ	81.7390, 84.7008, 81.8528
YIQ	237.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

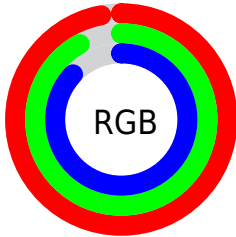
Format	Color
R_{YB}	248, 246, 223
Decimal	16313311
CIE _{Lab}	93.75, 2.40, 7.38
CIE _{LCh}	94, 7.760, 71.954
Yxy	84.7008, 0.3292, 0.3411
Android (android.graphics.Color)	4294503391 (0xFFFF8EBDF)
YUV	237.5190, -7.1579, 9.1918
Hunter-Lab	92.0330, -2.5233, 11.6915

Details

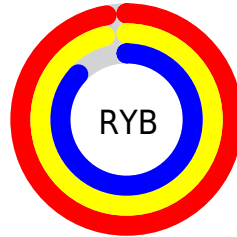
The XYZ color **81.7390, 84.7008, 81.8528** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3700, 82.4547, 100.6454**, and the grayscale version is **80.9455, 85.1610, 92.7403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9262, 46.2738, 43.6097** is the 20% darker color. If you saturate the color by 10%, you get **75.0798, 76.3465, 64.3273**, and if you desaturate by 10%, it is **89.1602, 93.7935, 102.0505**.

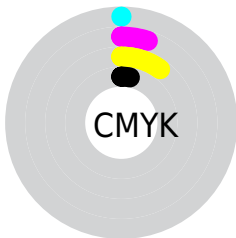
Distribution



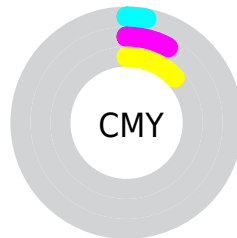
- Red (97%)
- Green (92%)
- Blue (87%)



- Red (97%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7390, 84.7008, 81.8528 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 81.7390, 84.7008, 81.8528 by changing the saturation by 10% instead.


 81.7390, 84.7008,
81.8528

 81.7390, 84.7008,
81.8528


489.4220,
510.6375, 521.0257

 61.4638, 63.5942,
60.7091


134.7457,
139.9551, 137.8024

 44.8535, 46.3221,
43.5614


168.2078,
174.8715, 173.4454

 31.5429, 32.5000,
29.9912

206.7964,
215.1600, 214.7585

 21.1664, 21.7437,
19.5799


250.8766,
261.2050, 262.1604

 13.3589, 13.6687,
11.9090

300.8140,
313.3909, 316.0695

 7.7548, 7.8906,
6.5600

356.9737,

 3.9889, 4.0250,

372.1020, 376.9044

3.1142

419.7213,
437.7227, 445.0836

■ 1.6959, 1.6876,
1.1533

■ 0.4537, 0.4156,
0.0000

■ 81.7390, 84.7008,
81.8528

■ 81.7390, 84.7008,
81.8528

■ 75.0798, 76.3465,
64.3273

■ 89.1602, 93.7935,
102.0505

■ 69.1487, 68.6997,
49.3550

■ 92.5218, 98.6967,
108.7817

■ 63.9195, 61.7433,
36.8159

■ 59.3616, 55.4555,
26.5782

■ 55.4417, 49.8129,
18.4974

■ 52.1229, 44.7905,
12.4124

■ 49.3642, 40.3608,
8.1389

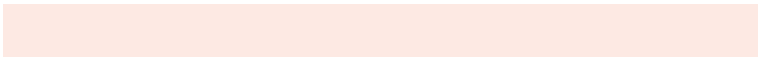
■ 47.1171, 36.4933,
5.4579

■ 45.3188, 33.1706,
4.0140

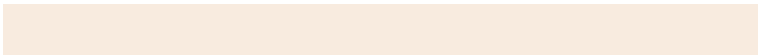
Harmonies

Analogous

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



83.4877, 84.7008, 84.8462



81.7390, 84.7008, 81.8528



79.6879, 84.7008, 81.5649

Triad

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



81.7390, 84.7008, 81.8528



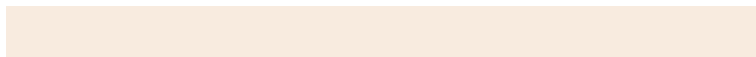
76.6919, 84.7008, 94.5946



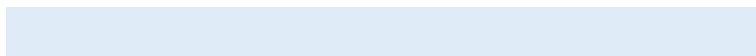
83.1830, 84.7008, 100.9219

Complementary

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



81.7390, 84.7008, 81.8528



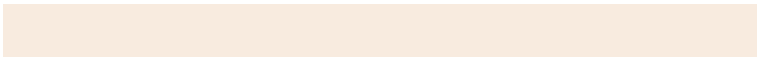
77.3700, 82.4547, 100.6454

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.



81.3289, 84.7008, 103.7751



81.7390, 84.7008, 81.8528



77.5953, 84.7008, 100.0192

Square

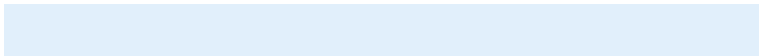
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7390, 84.7008, 81.8528



76.7975, 84.7008, 88.7547



79.2846, 84.7008, 103.4379



84.3312, 84.7008, 95.7842

Rectangle

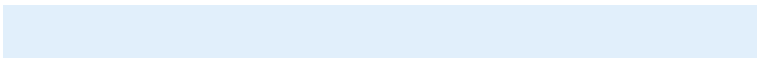
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7390, 84.7008, 81.8528



78.4272, 84.7008, 82.9297



79.2846, 84.7008, 103.4379



82.6203, 84.7008, 102.1897

Sweetspot

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



81.7413, 84.7045, 81.8546



92.5871, 97.0060, 102.1233



80.2889, 78.8085, 90.5920



19.6793, 20.5946, 21.4805



0.0000, 0.0000, 0.0000



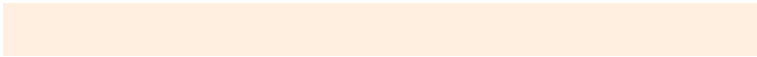
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7413, 84.7045, 81.8546



85.6428, 88.4513, 83.3647



85.3434, 91.9087, 83.0553



17.9323, 18.6005, 18.1075



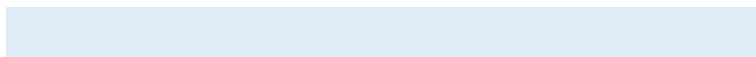
24.6198, 18.1962, 2.2146



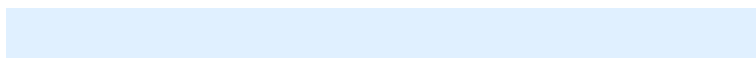
2.3857, 1.8963, 0.2403

Inverse Universe

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



77.3700, 82.4547, 100.6454



80.1650, 85.6321, 106.9112



73.9867, 75.6883, 99.5176



17.0295, 18.1358, 21.9883



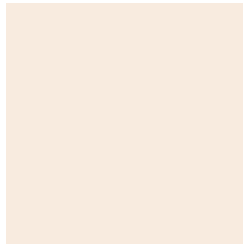
13.5289, 12.4133, 49.6565



1.3592, 1.3621, 4.6344

Previews

White Background



This preview shows how the XYZ color 81.7390, 84.7008, 81.8528 looks on a white background.

Color Contrast Check

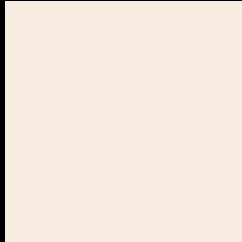
Large Text (above 18pt) WCAG AA × Fail

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 81.7390, 84.7008, 81.8528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

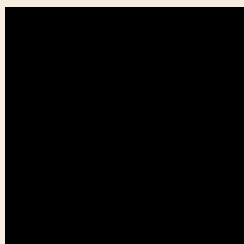
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

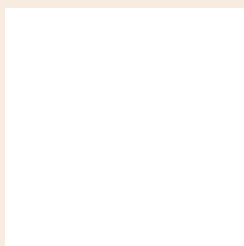
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7390, 84.7008, 81.8528

Background



This preview shows how black text looks on a background with the XYZ color 81.7390, 84.7008, 81.8528.



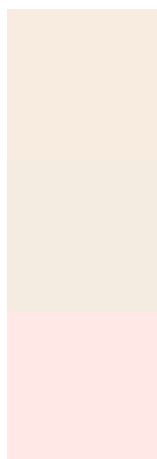
This preview shows how white text looks on a background with the XYZ color 81.7390, 84.7008,

81.8528.

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

81.7390, 84.7008, 81.8528

Protanopia

80.7582, 84.6058, 82.5952

Deuteranopia

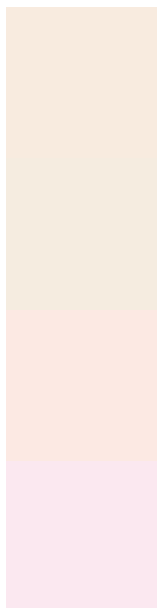
84.2395, 84.6304, 86.0241



Tritanopia

85.8197, 84.6868, 101.4455

Trichromacy



Original Color

81.7390, 84.7008, 81.8528

Protanomaly

81.1062, 84.7852, 82.6114

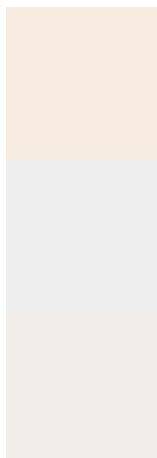
Deuteranomaly

83.1489, 84.5193, 84.6045

Tritanomaly

84.3685, 84.5137, 94.3042

Monochromacy



Original Color

81.7390, 84.7008, 81.8528

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.6101, 85.3288, 89.2596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7390, 84.7008, 81.8528 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(248, 235, 223) looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 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(248, 235, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 223) }
```

Border

The CSS property to change the border of an element to XYZ 81.7390, 84.7008, 81.8528 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(248, 235, 223) }
```


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

```
.border{ border-color:rgb(248, 235, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 235, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 235, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 235, 223);  
box-shadow:4px 4px 4px 4px rgb(248, 235,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7390, 84.7008, 81.8528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 223) }
```

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

```
.background{ background-color: rgb(248,  
235, 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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