

Converting Colors

XYZ(81.7911, 85.1529, 83.3601)

Have a look what the booklet for
XYZ(81.7911, 85.1529, 83.3601)
contains.

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Color

**XYZ(81.9438, 85.2013,
83.3608)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ECE1
RGB	247, 236, 225
RGB Percent	97%, 93%, 88%
CMY	0.0314, 0.0745, 0.1176
CMYK	0.00, 0.04, 0.09, 0.03
HSL	30°, 58%, 93%
HSV	30°, 9%, 97%
XYZ	81.9438, 85.2013, 83.3608
YIQ	238.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

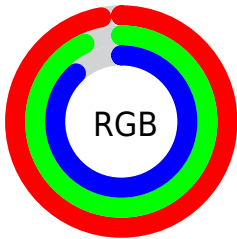
Format	Color
R _Y B	247, 247, 225
Decimal	16248033
CIE Lab	93.97, 1.87, 6.64
CIE LCh	94, 6.898, 74.266
Yxy	85.2013, 0.3271, 0.3401
Android (android.graphics.Color)	4294438113 (0xFF7ECE1)
YUV	238.0350, -6.4263, 7.8623
Hunter-Lab	92.3046, -3.0687, 11.0680

Details

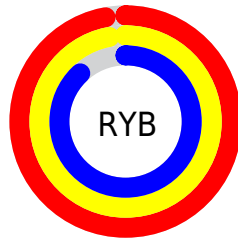
The XYZ color **81.9438, 85.2013, 83.3608** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.8351, 82.7124, 99.8592**, and the grayscale version is **81.3398, 85.5758, 93.1921**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0628, 46.6212, 44.6539** is the 20% darker color. If you saturate the color by 10%, you get **75.3834, 77.0879, 65.7349**, and if you desaturate by 10%, it is **89.2421, 94.0085, 103.6395**.

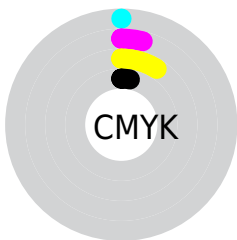
Distribution



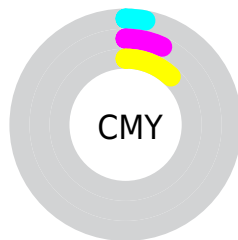
- Red (97%)
- Green (93%)
- Blue (88%)



- Red (97%)
- Yellow (97%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.9438, 85.2013, 83.3608 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 81.9438, 85.2013, 83.3608 by changing the saturation by 10% instead.


 81.9438, 85.2013,
83.3608

 81.9438, 85.2013,
83.3608


490.0970,
512.2939, 526.1907

 61.6332, 64.0077,
61.9455

135.0314,
140.6544, 139.9344

 44.9908, 46.6569,
44.5532


168.5391,
175.6827, 175.9298

 31.6514, 32.7645,
30.7652


207.1765,
216.0914, 217.6224

 21.2497, 21.9461,
20.1632

251.3090,
262.2648, 265.4305

 13.4201, 13.8173,
12.3285

301.3020,
314.5873, 319.7729

 7.7975, 7.9937,
6.8425

357.5207,

 4.0163, 4.0909,

373.4435, 381.0680

3.2869

420.3306,
439.2175, 449.7344

■ 1.7114, 1.7246,
1.2429

■ 0.4634, 0.4395,
0.0143

■ 81.9438, 85.2013,
83.3608

■ 81.9438, 85.2013,
83.3608

■ 75.3834, 77.0879,
65.7349

■ 89.2421, 94.0085,
103.6395

■ 69.5281, 69.6390,
50.6451

■ 92.1681, 98.5143,
108.7651

■ 64.3529, 62.8392,
37.9736

■ 59.8282, 56.6682,
27.5916

■ 55.9222, 51.1048,
19.3579

■ 52.5998, 46.1257,
13.1153

■ 49.8216, 41.7058,
8.6849

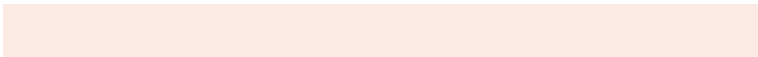
■ 47.5414, 37.8169,
5.8551

■ 45.6941, 34.4227,
4.3135

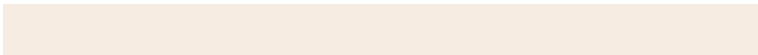
Harmonies

Analogous

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



83.5396, 85.2013, 85.8801



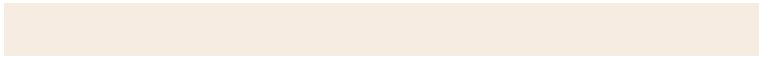
81.9438, 85.2013, 83.3608



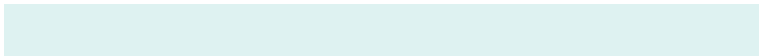
80.1131, 85.2013, 83.2983

Triad

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



81.9438, 85.2013, 83.3608



77.6028, 85.2013, 95.2874



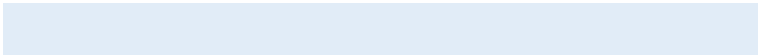
83.4742, 85.2013, 100.2113

Complementary

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



81.9438, 85.2013, 83.3608



77.8351, 82.7124, 99.8592

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.



81.8557, 85.2013, 102.9332



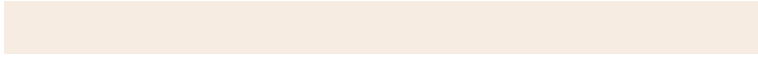
81.9438, 85.2013, 83.3608



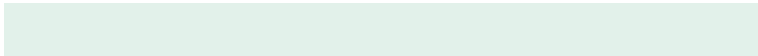
78.4757, 85.2013, 100.0184

Square

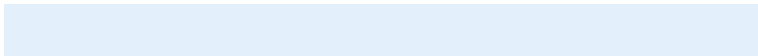
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



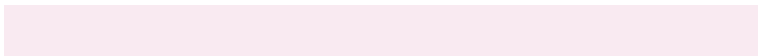
81.9438, 85.2013, 83.3608



77.6256, 85.2013, 90.0510



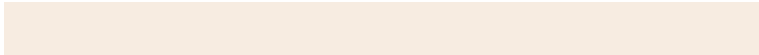
80.0263, 85.2013, 102.8613



84.4323, 85.2013, 95.5426

Rectangle

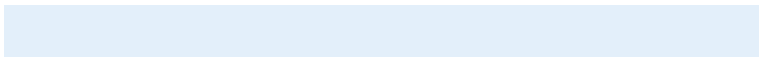
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9438, 85.2013, 83.3608



79.0069, 85.2013, 84.6507



80.0263, 85.2013, 102.8613



82.9883, 85.2013, 101.3920

Sweetspot

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



81.9462, 85.2050, 83.3626



92.6350, 97.1018, 102.1393



80.4243, 79.6819, 90.4993



19.6922, 20.6204, 21.4848



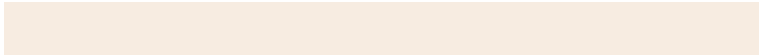
0.0000, 0.0000, 0.0000



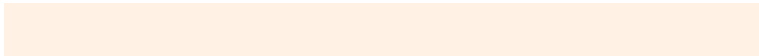
20.3446, 21.4041, 23.3091

Same Dimension

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



81.9462, 85.2050, 83.3626



86.5479, 89.7026, 85.3896



85.2100, 91.7328, 84.4506



17.1840, 17.8521, 17.3377



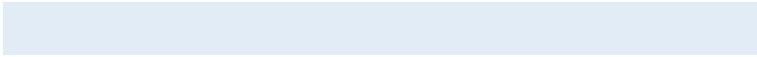
24.2105, 18.3066, 2.2575



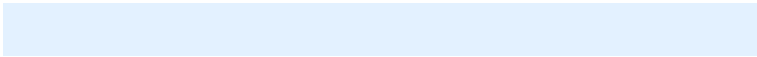
2.2306, 1.8145, 0.2327

Inverse Universe

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



77.8351, 82.7124, 99.8592



81.1589, 86.4351, 107.0138



74.7662, 76.5747, 98.8363



16.2655, 17.2952, 21.0236



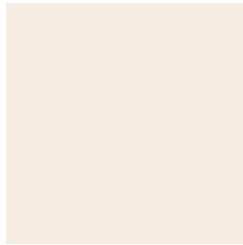
12.7964, 11.3866, 48.0614



1.2274, 1.2063, 4.2584

Previews

White Background



This preview shows how the XYZ color 81.9438, 85.2013, 83.3608 looks on a white background.

Color Contrast Check

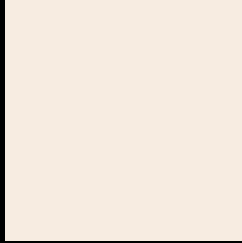
Large Text (above 18pt) WCAG AA × Fail

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 81.9438, 85.2013, 83.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

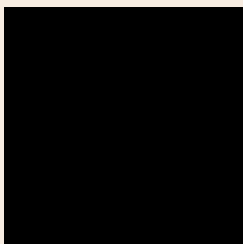
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

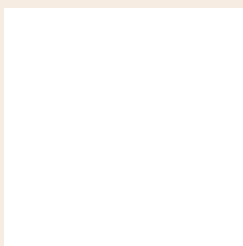
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9438, 85.2013, 83.3608

Background



This preview shows how black text looks on a background with the XYZ color 81.9438, 85.2013, 83.3608.



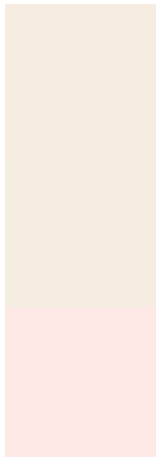
This preview shows how white text looks on a background with the XYZ color 81.9438, 85.2013,

83.3608.

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

81.9438, 85.2013, 83.3608

Protanopia

81.5310, 85.4171, 83.4242

Deuteranopia

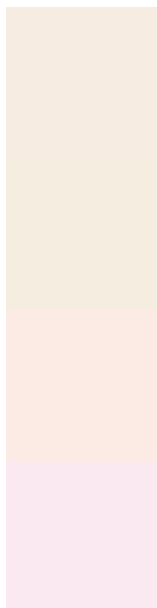
84.8027, 85.3073, 87.5977



Tritanopia

85.8956, 85.1246, 102.3460

Trichromacy



Original Color

81.9438, 85.2013, 83.3608

Protanomaly

81.8808, 85.5974, 83.4405

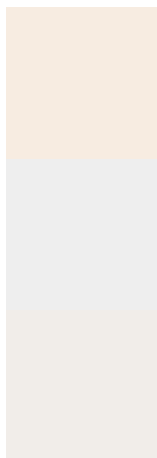
Deuteranomaly

83.7106, 85.1982, 86.1616

Tritanomaly

84.4404, 84.9527, 95.1661

Monochromacy



Original Color

81.9438, 85.2013, 83.3608

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.2678, 85.1523, 89.2436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9438, 85.2013, 83.3608 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(247, 236, 225) looks like.

```
.text, #text, p{  
    color:rgb(247, 236, 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(247, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 236, 225) }
```

Border

The CSS property to change the border of an element to XYZ 81.9438, 85.2013, 83.3608 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(247, 236, 225) }
```


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

```
.border{ border-color:rgb(247, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 236,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9438, 85.2013, 83.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 236, 225) }
```

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

```
.background{ background-color: rgb(247,  
236, 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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