

Converting Colors

XYZ(81.4206, 87.6183, 82.7610)

Have a look what the booklet for
XYZ(81.4206, 87.6183, 82.7610)
contains.

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Color

**XYZ(81.3470, 87.5327,
82.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F2DF
RGB	241, 242, 223
RGB Percent	95%, 95%, 87%
CMY	0.0549, 0.0510, 0.1255
CMYK	0.00, 0.00, 0.08, 0.05
HSL	63°, 42%, 91%
HSV	63°, 8%, 95%
XYZ	81.3470, 87.5327, 82.4201
YIQ	239.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

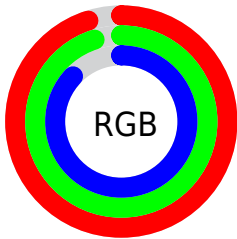
Format	Color
R _Y B	223, 242, 224
Decimal	15856351
CIE Lab	94.96, -3.57, 9.04
CIE LCh	95, 9.724, 111.552
Yxy	87.5327, 0.3237, 0.3483
Android (android.graphics.Color)	4294046431 (0xFFFF1F2DF)
YUV	239.5350, -8.1518, 1.2848
Hunter-Lab	93.5589, -8.5271, 13.2601

Details

The XYZ color **81.3470, 87.5327, 82.4201** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.1585, 75.0358, 94.6365**, and the grayscale version is **82.5217, 86.8193, 94.5462**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6344, 48.2593, 44.0083** is the 20% darker color. If you saturate the color by 10%, you get **77.8804, 86.0986, 66.4259**, and if you desaturate by 10%, it is **85.2880, 89.1626, 100.8745**.

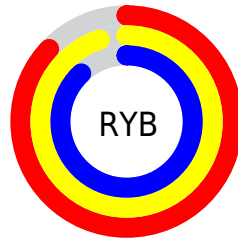
Distribution



Red (95%)

Green (95%)

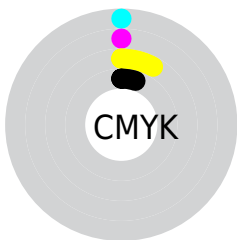
Blue (87%)



Red (87%)

Yellow (95%)

Blue (88%)

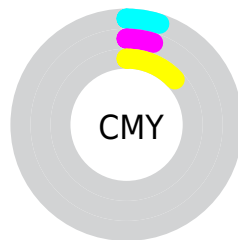


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3470, 87.5327, 82.4201 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 81.3470, 87.5327, 82.4201 by changing the saturation by 10% instead.

81.3470, 87.5327,
82.4201

81.3470, 87.5327,
82.4201

488.1285,
519.9717, 522.9721

61.1397, 65.9361,
61.1740

134.1985,
143.9064, 138.6049

44.5909, 48.2206,
43.9342

167.5734,
179.4523, 174.3808

31.3352, 34.0016,
30.2819

206.0682,
220.4168, 215.8370

21.0073, 22.8948,
19.7988

250.0483,
267.1843, 263.3921

13.2418, 14.5159,
12.0663

299.8790,
320.1391, 317.4646

7.6734, 8.4803,
6.6657

355.9257,

3.9367, 4.4038,

379.6657, 378.4731

3.1787

418.5538,
446.1484, 446.8361

■ 1.6664, 1.9019,
1.1866

■ 0.4351, 0.5495,
0.0000

■ 81.3470, 87.5327,
82.4201

■ 81.3470, 87.5327,
82.4201

■ 77.8804, 86.0986,
66.4259

■ 85.2880, 89.1626,
100.8745

■ 74.8611, 84.8410,
52.7825


■ 86.9596, 89.8822,
107.3735


■ 72.2706, 83.7552,
41.3807


■ 87.4041, 90.1113,
107.3943


■ 70.0860, 82.8321,
32.1005


■ 87.8516, 90.3421,
107.4152


 68.2824, 82.0618,
24.8107


 88.3023, 90.5744,
107.4363


 66.8321, 81.4332,
19.3656

 88.7560, 90.8083,
107.4576


 65.7036, 80.9336,
15.5995

 89.2129, 91.0438,
107.4789

 64.8599, 80.5483,
13.3172

 89.6729, 91.2810,
107.5005

 64.2507, 80.2572,
12.2540

 90.1360, 91.5197,
107.5221

Harmonies

Analogous

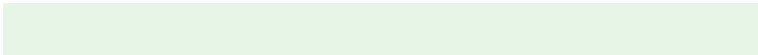
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9450, 87.5327, 81.6434



81.3470, 87.5327, 82.4201



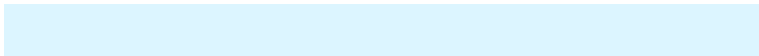
79.2859, 87.5327, 86.5540

Triad

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



81.3470, 87.5327, 82.4201



80.0815, 87.5327, 107.1492



88.3183, 87.5327, 97.4594

Complementary

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



81.3470, 87.5327, 82.4201



73.1585, 75.0358, 94.6365

Split Complementary

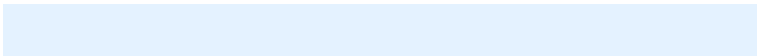
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2351, 87.5327, 104.6337



81.3470, 87.5327, 82.4201



82.4539, 87.5327, 110.4185

Square

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



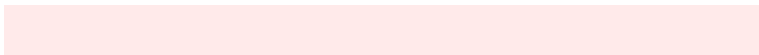
81.3470, 87.5327, 82.4201



78.5661, 87.5327, 100.7472



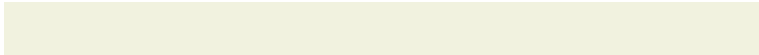
85.0753, 87.5327, 109.4744



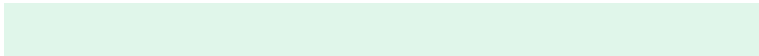
88.0068, 87.5327, 90.0687

Rectangle

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



81.3470, 87.5327, 82.4201



78.4757, 87.5327, 90.7828



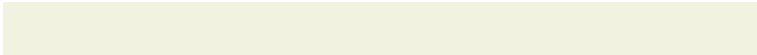
85.0753, 87.5327, 109.4744



88.1044, 87.5327, 99.9816

Sweetspot

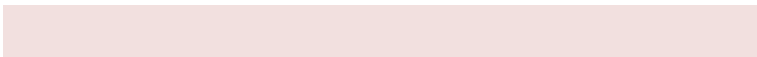
The Sweet Spot groups the original color and five complimentary colors.



81.3494, 87.5365, 82.4220



94.1405, 99.6248, 104.6281



76.5822, 77.4916, 80.7344



20.1595, 21.3277, 22.4394



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

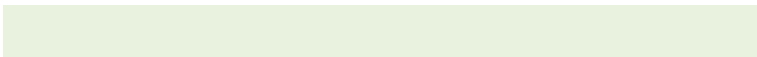
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3494, 87.5365, 82.4220



91.1276, 98.3796, 90.5674



78.2074, 85.9167, 82.2749



17.0355, 18.4140, 16.8061



34.4893, 43.1014, 6.5016



2.8943, 3.5986, 0.5420

Inverse Universe

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



73.1585, 75.0358, 94.6365



80.6110, 82.3294, 106.2502



76.1687, 76.5876, 94.7774



14.9746, 15.2686, 19.8795



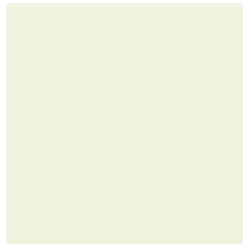
8.7313, 3.5066, 45.3445



0.7534, 0.3056, 3.7735

Previews

White Background



This preview shows how the XYZ color 81.3470, 87.5327, 82.4201 looks on a white background.

Color Contrast Check

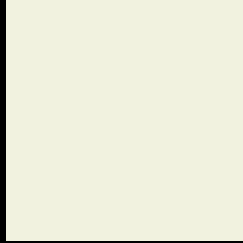
Large Text (above 18pt) WCAG AA × Fail

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 81.3470, 87.5327, 82.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

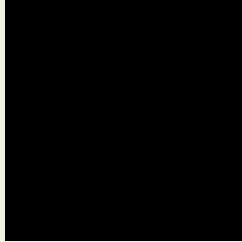
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

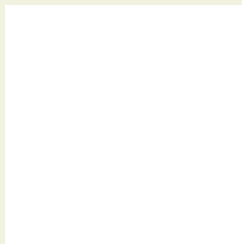
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3470, 87.5327, 82.4201

Background



This preview shows how black text looks on a background with the XYZ color 81.3470, 87.5327, 82.4201.

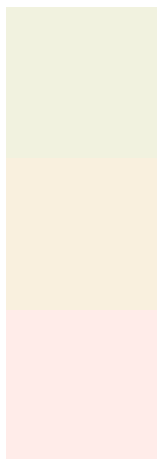


This preview shows how white text looks on a background with the XYZ color 81.3470, 87.5327,

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

81.3470, 87.5327, 82.4201

Protanopia

83.4118, 87.7338, 81.6453

Deuteranopia

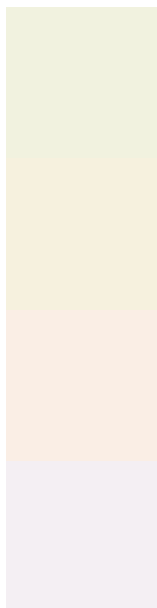
85.9434, 87.1341, 89.3797



Tritanopia

86.3402, 87.3812, 106.9234

Trichromacy



Original Color

81.3470, 87.5327, 82.4201

Protanomaly

82.6461, 87.7774, 81.6940

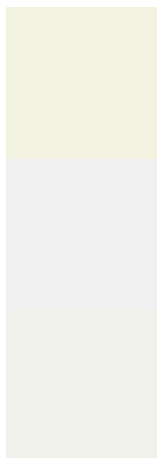
Deuteranomaly

84.1417, 87.1302, 86.5118

Tritanomaly

84.3524, 87.4372, 97.2252

Monochromacy



Original Color

81.3470, 87.5327, 82.4201

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.2418, 87.3764, 90.3726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3470, 87.5327, 82.4201 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(241, 242, 223) looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 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(241, 242, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 223) }
```

Border

The CSS property to change the border of an element to XYZ 81.3470, 87.5327, 82.4201 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(241, 242, 223) }
```


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

```
.border{ border-color:rgb(241, 242, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 242, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 223);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3470, 87.5327, 82.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 223) }
```

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

```
.background{ background-color: rgb(241,  
242, 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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