

Converting Colors

XYZ(81.6217, 82.4935, 81.9136)

Have a look what the booklet for
XYZ(81.6217, 82.4935, 81.9136)
contains.

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Color

**XYZ(81.5350, 82.4847,
82.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE6E0
RGB	251, 230, 224
RGB Percent	98%, 90%, 88%
CMY	0.0157, 0.0980, 0.1216
CMYK	0.00, 0.08, 0.11, 0.02
HSL	13°, 77%, 93%
HSV	13°, 11%, 98%
XYZ	81.5350, 82.4847, 82.1448
YIQ	235.5950, 14.4420, 2.5860

Conversions

Conversions Part 2

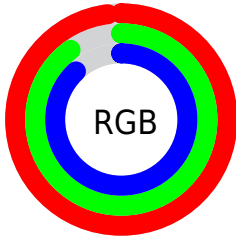
Format	Color
R _Y B	251, 232, 224
Decimal	16508640
CIE Lab	92.79, 6.17, 5.50
CIE LCh	93, 8.264, 41.697
Yxy	82.4847, 0.3312, 0.3351
Android (android.graphics.Color)	4294698720 (0xFFFB6E0)
YUV	235.5950, -5.7163, 13.5102
Hunter-Lab	90.8211, 1.3122, 9.9488

Details

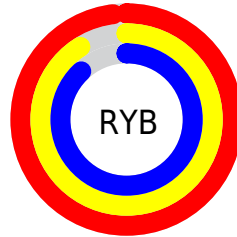
The XYZ color **81.5350, 82.4847, 82.1448** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8051, 88.1153, 104.0166**, and the grayscale version is **79.4557, 83.5936, 91.0334**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7395, 44.9939, 43.8628** is the 20% darker color. If you saturate the color by 10%, you get **73.2487, 70.9629, 63.8095**, and if you desaturate by 10%, it is **90.9367, 95.4311, 103.3329**.

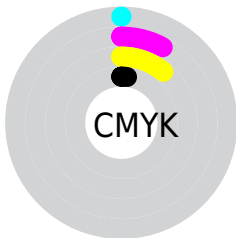
Distribution



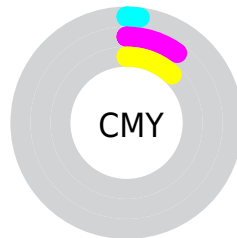
- Red (98%)
- Green (90%)
- Blue (88%)



- Red (98%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5350, 82.4847, 82.1448 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 81.5350, 82.4847, 82.1448 by changing the saturation by 10% instead.


 81.5350, 82.4847,
82.1448

 81.5350, 82.4847,
82.1448


488.7491,
503.2675, 522.0281

 61.2951, 61.7651,
60.9484


134.4609,
136.8535, 138.2155

 44.7168, 44.8430,
43.7532


167.8777,
171.2715, 173.9270

 31.4348, 31.3337,
30.1408

206.4175,
211.0245, 215.3138

 21.0836, 20.8531,
19.6925

250.4457,
256.4969, 262.7946

 13.2979, 13.0167,
11.9899

300.3276,
308.0729, 316.7879

 7.7124, 7.4400,
6.6143

356.4285,

 3.9617, 3.7388,

366.1372, 377.7122

3.1473

419.1139,
431.0739, 445.9861

■ 1.6805, 1.5285,
1.1703

■ 0.4440, 0.3087,
0.0000

■ 81.5350, 82.4847,
82.1448

■ 81.5350, 82.4847,
82.1448

■ 73.2487, 70.9629,
63.8095

■ 90.9367, 95.4311,
103.3329

■ 66.0289, 60.8062,
48.1997

■ 93.5940, 99.2494,
108.8319

■ 59.8334, 51.9667,
35.1859

■ 54.6145, 44.3896,
24.6264

■ 50.3201, 38.0163,
16.3655

■ 46.8937, 32.7833,
10.2295

■ 44.2715, 28.6209,
6.0200

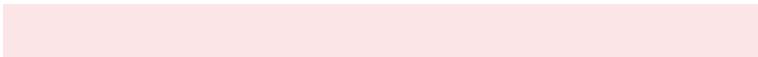
■ 42.3802, 25.4512,
3.5001

■ 41.1895, 23.3204,
2.3304

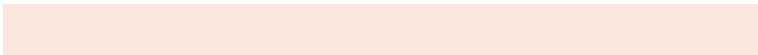
Harmonies

Analogous

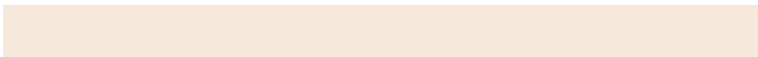
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5285, 82.4847, 87.4267



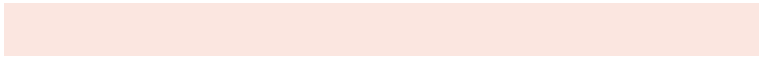
81.5350, 82.4847, 82.1448



79.7081, 82.4847, 79.0066

Triad

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



81.5350, 82.4847, 82.1448



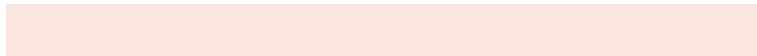
74.5295, 82.4847, 86.1353



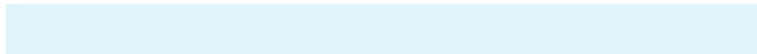
79.2425, 82.4847, 101.9446

Complementary

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



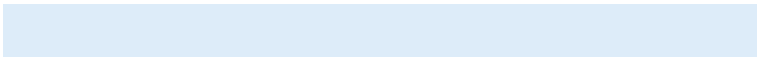
81.5350, 82.4847, 82.1448



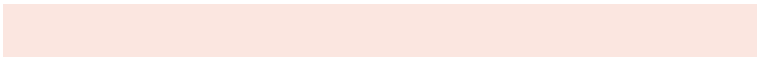
80.8051, 88.1153, 104.0166

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.



77.1047, 82.4847, 101.5598



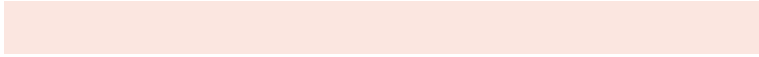
81.5350, 82.4847, 82.1448



74.4101, 82.4847, 92.2399

Square

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



81.5350, 82.4847, 82.1448



75.6743, 82.4847, 81.2367



75.3449, 82.4847, 97.9416



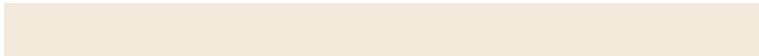
81.1888, 82.4847, 98.9700

Rectangle

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



81.5350, 82.4847, 82.1448



78.2766, 82.4847, 78.4613



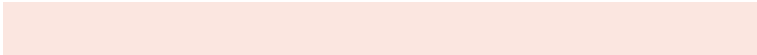
75.3449, 82.4847, 97.9416



78.5220, 82.4847, 102.2074

Sweetspot

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



81.5373, 82.4883, 82.1466



91.9741, 95.7801, 101.9190



82.9446, 80.4234, 97.6588



19.5142, 20.2644, 21.4255



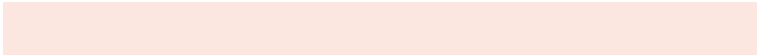
0.0000, 0.0000, 0.0000



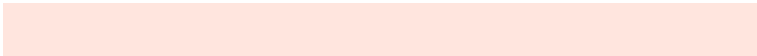
20.3446, 21.4041, 23.3091

Same Dimension

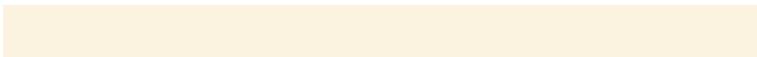
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5373, 82.4883, 82.1466



82.4856, 82.6876, 80.6147



85.3946, 90.2029, 83.4323



17.5576, 17.8511, 17.9826



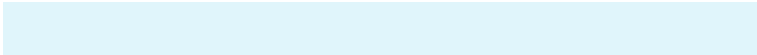
21.7387, 12.4340, 1.2542



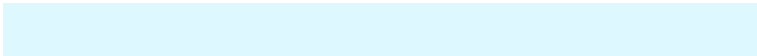
2.0887, 1.3022, 0.1413

Inverse Universe

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



80.8051, 88.1153, 104.0166



81.5813, 89.6320, 107.6087



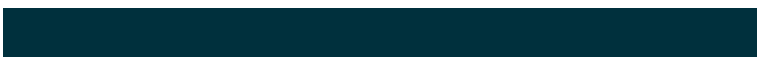
76.9123, 80.3298, 102.7191



17.4192, 18.9152, 22.1182



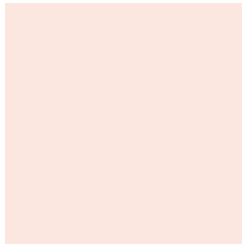
19.5452, 24.4461, 51.6620



1.8879, 2.4196, 4.8107

Previews

White Background



This preview shows how the XYZ color 81.5350, 82.4847, 82.1448 looks on a white background.

Color Contrast Check

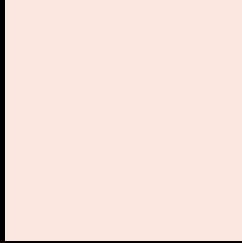
Large Text (above 18pt) WCAG AA × Fail

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 81.5350, 82.4847, 82.1448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

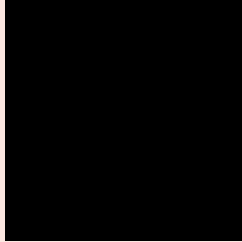
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5350, 82.4847, 82.1448

Background



This preview shows how black text looks on a background with the XYZ color 81.5350, 82.4847, 82.1448.



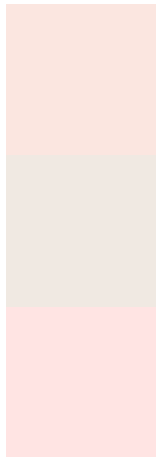
This preview shows how white text looks on a background with the XYZ color 81.5350, 82.4847,

82.1448.

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

81.5350, 82.4847, 82.1448

Protanopia

78.8016, 82.2941, 83.6826

Deuteranopia

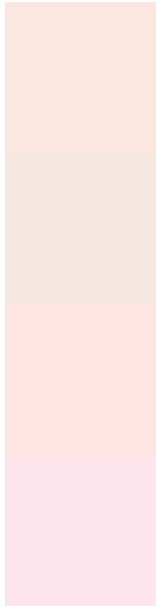
82.8485, 82.2929, 84.1906



Tritanopia

84.8236, 82.6016, 97.8592

Trichromacy



Original Color

81.5350, 82.4847, 82.1448

Protanomaly

79.7554, 82.3826, 82.9320

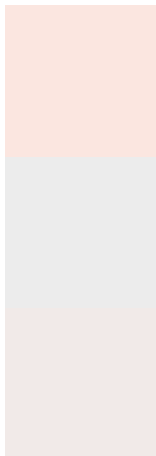
Deuteranomaly

82.6198, 82.6004, 83.5405

Tritanomaly

83.5375, 82.4839, 91.6388

Monochromacy



Original Color

81.5350, 82.4847, 82.1448

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.2639, 83.3726, 88.2061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5350, 82.4847, 82.1448 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(251, 230, 224) looks like.

```
.text, #text, p{  
    color:rgb(251, 230, 224)  
}
```

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(251, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 230, 224) }
```

Border

The CSS property to change the border of an element to XYZ 81.5350, 82.4847, 82.1448 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(251, 230, 224) }
```


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

```
.border{ border-color:rgb(251, 230, 224) }
```

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

Here you see how a box with a 4 pixel rgb(251, 230, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 230,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5350, 82.4847, 82.1448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 230, 224) }
```

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

```
.background{ background-color: rgb(251,  
230, 224) }
```

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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