

Converting Colors

XYZ(81.0842, 83.1838, 88.2688)

Have a look what the booklet for
XYZ(81.0842, 83.1838, 88.2688)
contains.

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Color

**XYZ(81.0126, 83.3371,
88.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E9E8
RGB	244, 233, 232
RGB Percent	96%, 91%, 91%
CMY	0.0431, 0.0863, 0.0902
CMYK	0.00, 0.05, 0.05, 0.04
HSL	5°, 35%, 93%
HSV	5°, 5%, 96%
XYZ	81.0126, 83.3371, 88.1598
YIQ	236.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

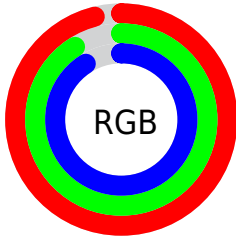
Format	Color
R_{YB}	244, 233, 232
Decimal	16050664
CIE _{Lab}	93.16, 3.54, 1.80
CIE _{LCh}	93, 3.975, 26.942
Yxy	83.3371, 0.3208, 0.3300
Android (android.graphics.Color)	4294240744 (0xFFFF4E9E8)
YUV	236.1750, -2.0583, 6.8625
Hunter-Lab	91.2892, -1.3500, 6.6448

Details

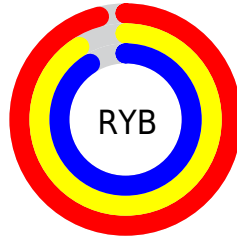
The XYZ color **81.0126, 83.3371, 88.1598** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.6583, 87.7873, 98.2297**, and the grayscale version is **79.8764, 84.0362, 91.5154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2977, 45.2702, 47.4776** is the 20% darker color. If you saturate the color by 10%, you get **71.8516, 70.1814, 69.1772**, and if you desaturate by 10%, it is **91.1187, 97.9733, 108.7160**.

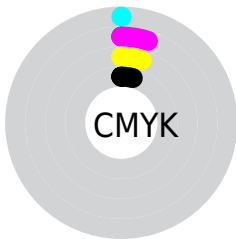
Distribution



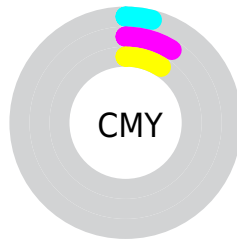
- Red (96%)
- Green (91%)
- Blue (91%)



- Red (96%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0126, 83.3371, 88.1598 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 81.0126, 83.3371, 88.1598 by changing the saturation by 10% instead.


 81.0126, 83.3371,
88.1598

 81.0126, 83.3371,
88.1598


487.0236,
506.1093, 542.4413

 60.8633, 62.4683,
65.8903


133.7315,
138.0475, 146.6927

 44.3670, 45.4112,
47.7275


167.0319,
172.6579, 183.7932

 31.1583, 31.7814,
33.2527


205.4466,
212.6175, 226.6745

 20.8718, 21.1946,
22.0474

249.3411,
258.3109, 275.7551

 13.1423, 13.2663,
13.6931

299.0807,
310.1224, 331.4535

 7.6043, 7.6122,
7.7712

355.0307,

 3.8924, 3.8478,

368.4363, 394.1883

3.8632

417.5565,
433.6372, 464.3781

■ 1.6415, 1.5888,
1.5506

■ 0.4192, 0.3500,
0.2552

■ 81.0126, 83.3371,
88.1598

■ 81.0126, 83.3371,
88.1598

■ 71.8516, 70.1814,
69.1772

■ 91.1187, 97.9733,
108.7160

■ 63.9220, 58.7507,
52.8807

■ 57.1731, 48.9770,
39.1507

■ 51.5484, 40.7831,
27.8563

■ 46.9866, 34.0860,
18.8549

■ 43.4205, 28.7952,
11.9895

■ 40.7753, 24.8101,
7.0830

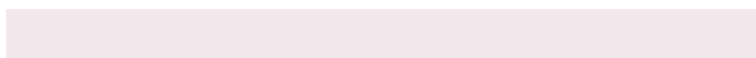
■ 38.9651, 22.0170,
3.9299

■ 37.8881, 20.2821,
2.2787

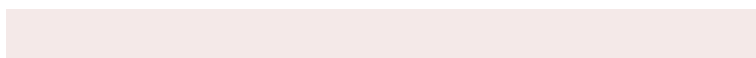
Harmonies

Analogous

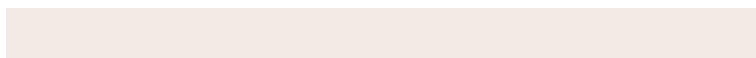
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2311, 83.3371, 91.0470



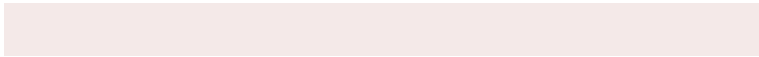
81.0126, 83.3371, 88.1598



80.3096, 83.3371, 86.0060

Triad

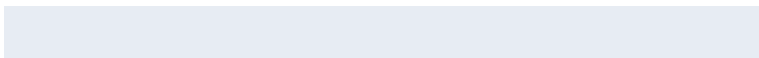
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0126, 83.3371, 88.1598



77.5387, 83.3371, 87.6396



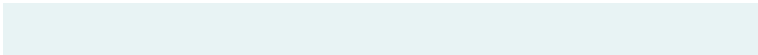
79.1023, 83.3371, 96.6032

Complementary

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



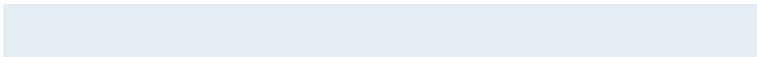
81.0126, 83.3371, 88.1598



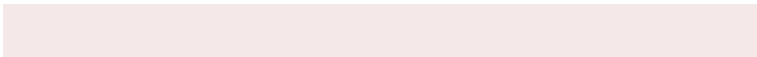
81.6583, 87.7873, 98.2297

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.



78.1193, 83.3371, 95.6445



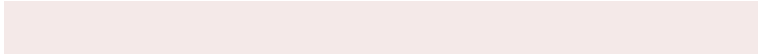
81.0126, 83.3371, 88.1598



77.2216, 83.3371, 90.4335

Square

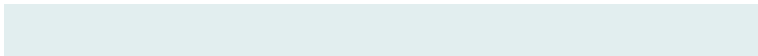
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0126, 83.3371, 88.1598



78.3033, 83.3371, 85.7103



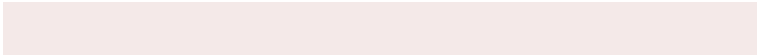
77.4332, 83.3371, 93.3699



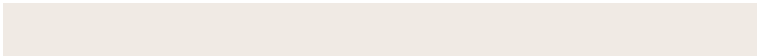
80.1225, 83.3371, 95.9625

Rectangle

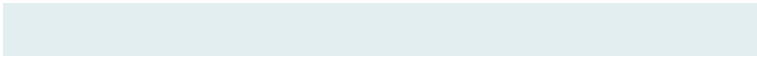
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



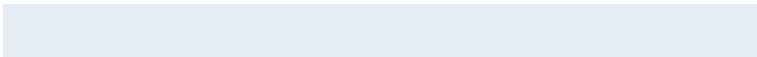
81.0126, 83.3371, 88.1598



79.6639, 83.3371, 85.2536



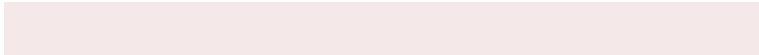
77.4332, 83.3371, 93.3699



78.7567, 83.3371, 96.4568

Sweetspot

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



81.0149, 83.3407, 88.1616



93.9012, 98.3550, 106.5051



82.3436, 83.4186, 96.5565



20.1108, 21.0694, 22.8217



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.



81.0149, 83.3407, 88.1616



88.3731, 90.4324, 95.0020



82.7413, 86.7934, 88.7371



17.1899, 17.5368, 18.3484



20.4653, 10.8161, 1.0091



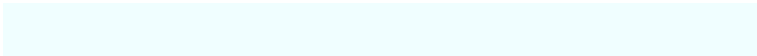
1.8362, 1.0257, 0.1012

Inverse Universe

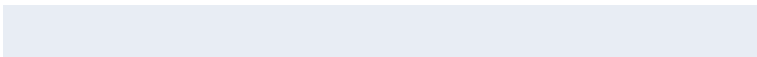
The Inverse Universe completely reimagines the original color for something new.



81.6583, 87.7873, 98.2297



89.2363, 96.3986, 108.5113



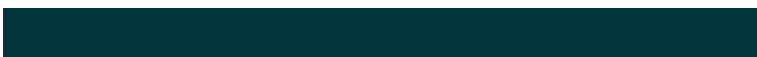
79.8932, 84.2571, 97.6414



17.3760, 18.8226, 21.2599



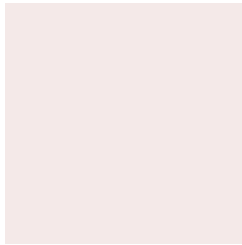
23.3612, 32.5162, 51.5830



2.0876, 2.9265, 4.5451

Previews

White Background



This preview shows how the XYZ color 81.0126, 83.3371, 88.1598 looks on a white background.

Color Contrast Check

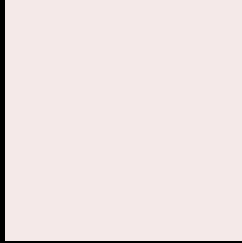
Large Text (above 18pt) WCAG AA × Fail

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 81.0126, 83.3371, 88.1598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

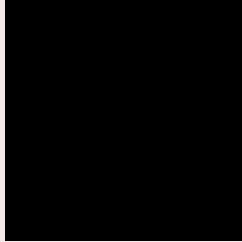
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

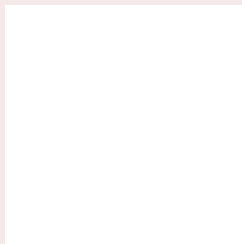
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0126, 83.3371, 88.1598

Background



This preview shows how black text looks on a background with the XYZ color 81.0126, 83.3371, 88.1598.



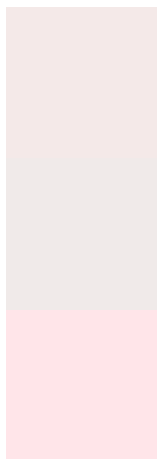
This preview shows how white text looks on a background with the XYZ color 81.0126, 83.3371,

88.1598.

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

81.0126, 83.3371, 88.1598

Protanopia

80.0660, 83.2541, 88.9405

Deuteranopia

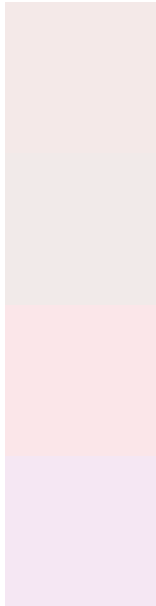
83.9673, 83.1818, 88.7209



Tritanopia

83.4017, 83.0260, 101.2524

Trichromacy



Original Color

81.0126, 83.3371, 88.1598

Protanomaly

80.4064, 83.4296, 88.9564

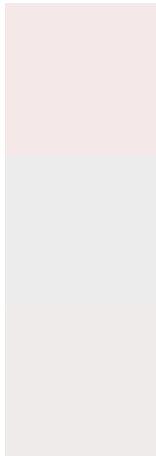
Deuteranomaly

82.7885, 82.9861, 88.7453

Tritanomaly

82.4098, 83.0354, 96.4780

Monochromacy



Original Color

81.0126, 83.3371, 88.1598

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3003, 83.7655, 90.5333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0126, 83.3371, 88.1598 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(244, 233, 232) looks like.

```
.text, #text, p{  
    color:rgb(244, 233, 232)  
}
```

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(244, 233, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 232) }
```

Border

The CSS property to change the border of an element to XYZ 81.0126, 83.3371, 88.1598 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(244, 233, 232) }
```


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

```
.border{ border-color:rgb(244, 233, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 233, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 232);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0126, 83.3371, 88.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 233, 232) }
```

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

```
.background{ background-color: rgb(244,  
233, 232) }
```

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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