

Converting Colors

XYZ(81.1156, 89.2501, 93.1547)

Have a look what the booklet for XYZ(81.1156, 89.2501, 93.1547) contains.

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Color

**XYZ(81.1800, 89.4589,
93.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F7ED
RGB	230, 247, 237
RGB Percent	90%, 97%, 93%
CMY	0.0980, 0.0314, 0.0706
CMYK	0.07, 0.00, 0.04, 0.03
HSL	145°, 52%, 94%
HSV	145°, 7%, 97%
XYZ	81.1800, 89.4589, 93.1094
YIQ	240.7770, -6.9220, -6.7140

Conversions

Conversions Part 2

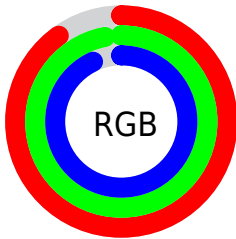
Format	Color
R_{YB}	230, 242, 247
Decimal	15136749
CIE Lab	95.77, -7.38, 2.88
CIE LCh	96, 7.921, 158.710
Yxy	89.4589, 0.3078, 0.3392
Android (android.graphics.Color)	4293326829 (0xFFE6F7ED)
YUV	240.7770, -1.8621, -9.4514
Hunter-Lab	94.5827, -12.3139, 7.8415

Details

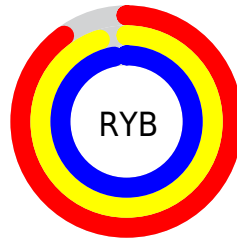
The XYZ color **81.1800, 89.4589, 93.1094** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3861, 82.6615, 94.0555**, and the grayscale version is **83.4540, 87.8001, 95.6143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4269, 49.5965, 50.9476** is the 20% darker color. If you saturate the color by 10%, you get **71.7704, 84.8461, 82.0319**, and if you desaturate by 10%, it is **91.8900, 94.7272, 105.1497**.

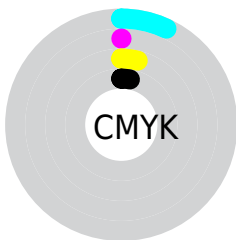
Distribution



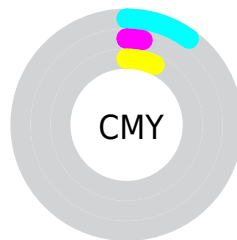
- Red (90%)
- Green (97%)
- Blue (93%)



- Red (90%)
- Yellow (95%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1800, 89.4589, 93.1094 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 81.1800, 89.4589, 93.1094 by changing the saturation by 10% instead.

81.1800, 89.4589,
93.1094

81.1800, 89.4589,
93.1094

487.5769,
526.2691, 558.9235

61.0017, 67.5319,
69.9743

133.9653,
146.5866, 153.6231

44.4790, 49.5170,
51.0289

167.3030,
182.5560, 191.8387

31.2468, 35.0298,
35.8547

205.7578,
223.9752, 235.9182

20.9396, 23.6858,
24.0332

249.6952,
271.2283, 286.2802

13.1921, 15.1007,
15.1458

299.4804,
324.6999, 343.3432

7.6389, 8.8901,
8.7740

355.4789,

3.9146, 4.6696,

384.7743, 407.5257

4.4993

418.0559,
451.8359, 479.2463

■ 1.6539, 2.0547,
1.9031

■ 0.4272, 0.6390,
0.4947

■ 81.1800, 89.4589,
93.1094

■ 81.1800, 89.4589,
93.1094

■ 71.7704, 84.8461,
82.0319

■ 91.8900, 94.7272,
105.1497

■ 63.6025, 80.8514,
71.8879

■ 92.5524, 95.0049,
108.0675

■ 56.6244, 77.4512,
62.6546

■ 50.7773, 74.6157,
54.3067

■ 45.9975, 72.3124,
46.8170

■ 42.2143, 70.5055,
40.1576

■ 39.3481, 69.1547,
34.2983

■ 37.3061, 68.2126,
29.2073

■ 35.9714, 67.6196,
24.8497

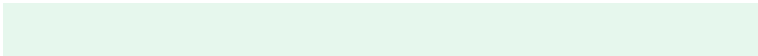
Harmonies

Analogous

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



82.4322, 89.4589, 88.3308



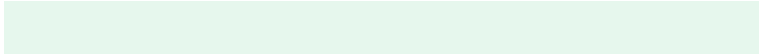
81.1800, 89.4589, 93.1094



80.9496, 89.4589, 99.2357

Triad

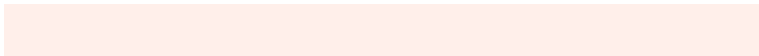
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1800, 89.4589, 93.1094



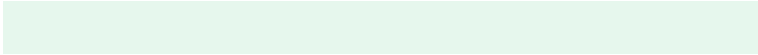
85.6647, 89.4589, 109.7665



88.3426, 89.4589, 90.0858

Complementary

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



81.1800, 89.4589, 93.1094



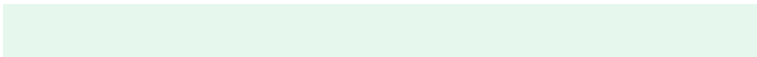
82.3861, 82.6615, 94.0555

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.



89.2411, 89.4589, 95.5980



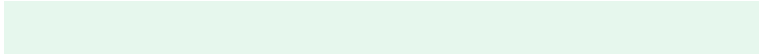
81.1800, 89.4589, 93.1094



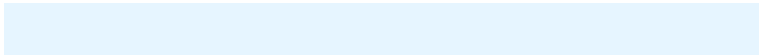
87.6778, 89.4589, 107.0814

Square

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



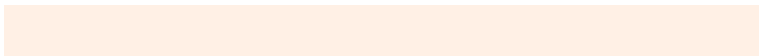
81.1800, 89.4589, 93.1094



83.5144, 89.4589, 109.0305



88.9957, 89.4589, 101.8318



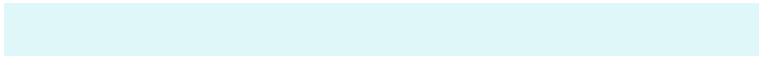
86.5598, 89.4589, 86.6377

Rectangle

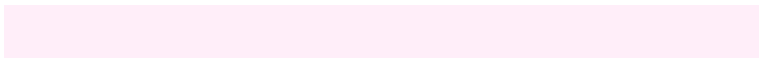
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



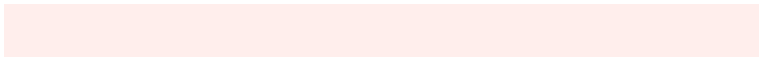
81.1800, 89.4589, 93.1094



81.4026, 89.4589, 103.2898



88.9957, 89.4589, 101.8318



88.7595, 89.4589, 91.7491

Sweetspot

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



81.1825, 89.4627, 93.1114



92.7191, 98.8538, 106.2889



83.5501, 90.7991, 87.9868



19.8701, 21.1708, 22.7777



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.



81.1825, 89.4627, 93.1114



86.0664, 95.5851, 98.7060



82.4243, 89.9594, 99.6503



16.5651, 18.5852, 18.9939



18.9171, 35.7117, 12.8492



1.7124, 3.1586, 1.3915

Inverse Universe

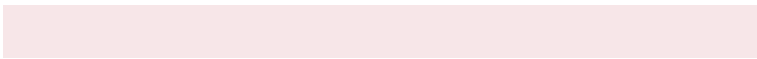
The Inverse Universe completely reimagines the original color for something new.



82.3861, 82.6615, 94.0555



87.5611, 87.1387, 99.8785



81.1803, 82.1792, 87.7059



16.9082, 16.6461, 19.2630



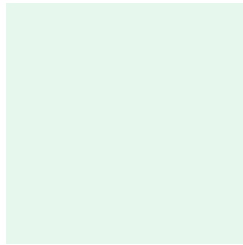
23.0745, 11.5732, 15.6324



2.0790, 1.0376, 1.6426

Previews

White Background



This preview shows how the XYZ color 81.1800, 89.4589, 93.1094 looks on a white background.

Color Contrast Check

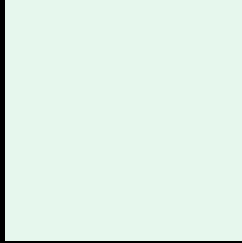
Large Text (above 18pt) WCAG AA × Fail

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 81.1800, 89.4589, 93.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

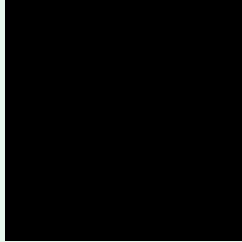
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

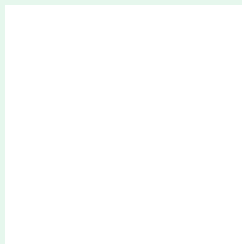
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1800, 89.4589, 93.1094

Background



This preview shows how black text looks on a background with the XYZ color 81.1800, 89.4589, 93.1094.



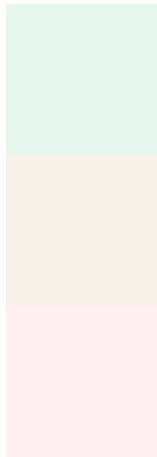
This preview shows how white text looks on a background with the XYZ color 81.1800, 89.4589,

93.1094.

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

81.1800, 89.4589, 93.1094

Protanopia

85.6703, 89.5845, 90.6181

Deuteranopia

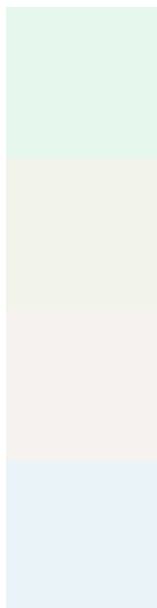
87.9837, 89.3439, 95.8269



Tritanopia

85.0256, 89.3257, 107.3680

Trichromacy



Original Color

81.1800, 89.4589, 93.1094

Protanomaly

83.9640, 89.5768, 91.4619

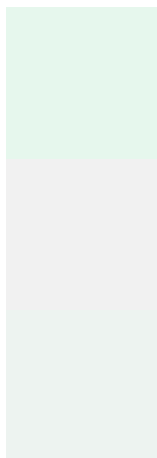
Deuteranomaly

85.4863, 89.3884, 95.1861

Tritanomaly

83.2256, 88.9711, 101.5936

Monochromacy



Original Color

81.1800, 89.4589, 93.1094

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.7038, 88.3970, 95.1414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1800, 89.4589, 93.1094 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(230, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 247, 237)  
}
```

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(230, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 247, 237) }
```

Border

The CSS property to change the border of an element to XYZ 81.1800, 89.4589, 93.1094 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(230, 247, 237) }
```


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

```
.border{ border-color:rgb(230, 247, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 247, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 247,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1800, 89.4589, 93.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 247, 237) }
```

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

```
.background{ background-color: rgb(230,  
247, 237) }
```

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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