

Converting Colors

XYZ(81.9213, 89.2370,
100.3473)

Have a look what the booklet for
XYZ(81.9213, 89.2370, 100.3473)
contains.

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Color

**XYZ(81.9034, 89.2234,
100.0938)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F6F6
RGB	229, 246, 246
RGB Percent	90%, 96%, 96%
CMY	0.1020, 0.0353, 0.0353
CMYK	0.07, 0.00, 0.00, 0.04
HSL	180°, 49%, 93%
HSV	180°, 7%, 96%
XYZ	81.9034, 89.2234, 100.0938
YIQ	240.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

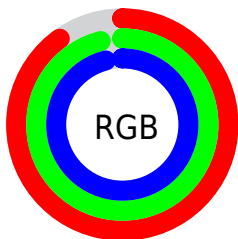
Format	Color
R _Y B	229, 238, 246
Decimal	15070966
CIE Lab	95.67, -5.55, -1.93
CIE LCh	96, 5.877, 199.132
Yxy	89.2234, 0.3020, 0.3290
Android (android.graphics.Color)	4293261046 (0xFFE5F6F6)
YUV	240.9170, 2.5059, -10.4512
Hunter-Lab	94.4581, -10.5268, 3.2933

Details

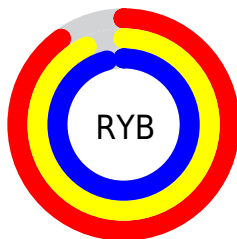
The XYZ color **81.9034, 89.2234, 100.0938** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.1715, 81.2909, 85.5982**, and the grayscale version is **83.5326, 87.8828, 95.7044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9413, 49.4289, 55.8873** is the 20% darker color. If you saturate the color by 10%, you get **74.6034, 85.4627, 99.7494**, and if you desaturate by 10%, it is **90.3208, 93.5651, 100.4941**.

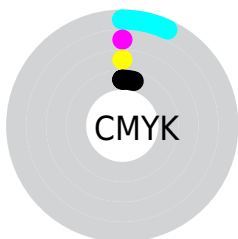
Distribution



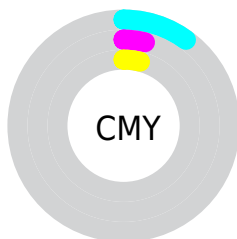
- Red (90%)
- Green (96%)
- Blue (96%)



- Red (90%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (10%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9034, 89.2234, 100.0938 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 81.9034, 89.2234, 100.0938 by changing the saturation by 10% instead.

81.9034, 89.2234,
100.0938

81.9034, 89.2234,
100.0938

489.9639,
525.5014, 581.7426

61.5997, 67.3367,
75.7616

134.9751,
146.2592, 163.3391

44.9637, 49.3583,
55.7315

168.4738,
182.1771, 203.0892

31.6300, 34.9038,
39.5852

207.1016,
223.5408, 248.8157

21.2332, 23.5888,
26.9039

251.2238,
270.7349, 300.9371

13.4080, 15.0289,
17.2693

301.2057,
324.1435, 359.8719

7.7890, 8.8396,
10.2627

357.4129,

4.0109, 4.6367,

384.1512, 426.0388

5.4656

420.2105,
451.1424, 499.8562

■ 1.7083, 2.0357,
2.4595

■ 0.4615, 0.6281,
0.8186

■ 81.9034, 89.2234,
100.0938

■ 81.9034, 89.2234,
100.0938

■ 74.6034, 85.4627,
99.7494

■ 90.3208, 93.5651,
100.4941

■ 68.3665, 82.2476,
99.4530


■ 90.8340, 93.8296,
100.5227


■ 63.1457, 79.5562,
99.2041


■ 90.8349, 93.8299,
100.5273


■ 58.8869, 77.3608,
99.0002


■ 90.8358, 93.8303,
100.5319

 55.5316, 75.6312,
98.8386


 90.8366, 93.8306,
100.5365


 53.0146, 74.3337,
98.7163


 90.8375, 93.8310,
100.5412


 51.2620, 73.4303,
98.6297

 90.8384, 93.8313,
100.5458

 50.1871, 72.8763,
98.5748

 90.8393, 93.8317,
100.5504

 49.6795, 72.6147,
98.5465

 90.8401, 93.8320,
100.5550

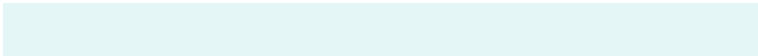
Harmonies

Analogous

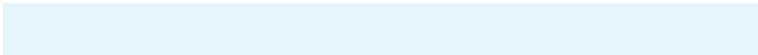
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7903, 89.2234, 95.4815



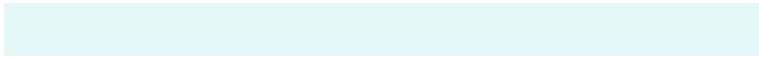
81.9034, 89.2234, 100.0938



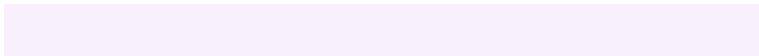
82.7880, 89.2234, 104.0325

Triad

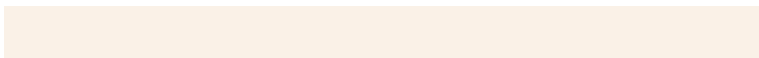
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9034, 89.2234, 100.0938



87.1748, 89.2234, 103.0866



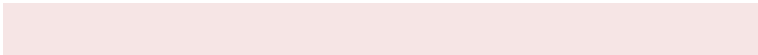
85.3912, 89.2234, 88.6724

Complementary

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



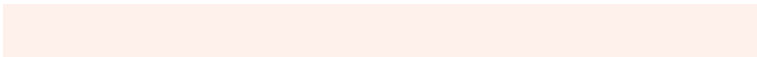
81.9034, 89.2234, 100.0938



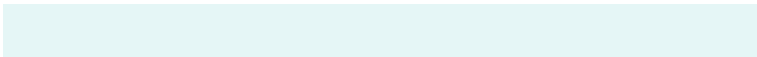
80.1715, 81.2909, 85.5982

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.



86.8528, 89.2234, 90.5763



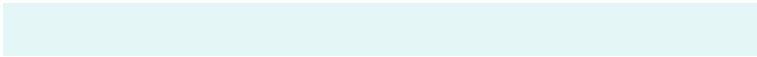
81.9034, 89.2234, 100.0938



87.8912, 89.2234, 98.8360

Square

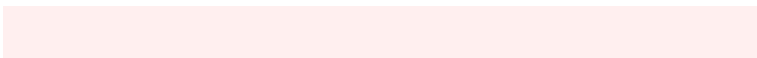
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9034, 89.2234, 100.0938



85.8262, 89.2234, 105.7979



87.7726, 89.2234, 94.2628



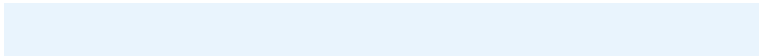
83.7903, 89.2234, 88.9850

Rectangle

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



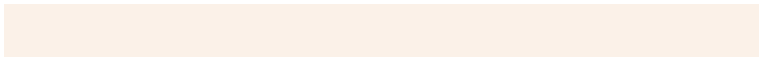
81.9034, 89.2234, 100.0938



83.7025, 89.2234, 105.7004



87.7726, 89.2234, 94.2628



85.9154, 89.2234, 89.0720

Sweetspot

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



81.9060, 89.2272, 100.0958



93.1983, 99.0454, 108.8124



79.5048, 88.2772, 86.9789



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

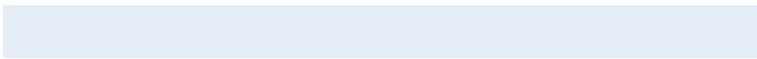
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9060, 89.2272, 100.0958



87.9383, 96.3339, 108.5632



79.4617, 84.3376, 99.2840



16.9966, 18.7578, 21.2664



26.4648, 38.7308, 52.5949



2.3261, 3.4041, 4.6229

Inverse Universe

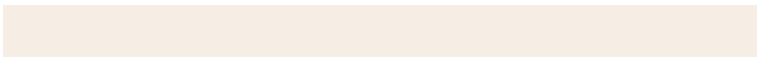
The Inverse Universe completely reimagines the original color for something new.



80.1715, 81.2909, 85.5982



85.7723, 86.4232, 90.4588



82.4991, 85.9471, 86.3713



16.4994, 16.4826, 17.1102



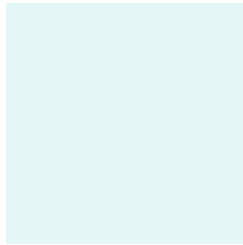
20.2864, 10.4580, 0.9506



1.7830, 0.9192, 0.0838

Previews

White Background



This preview shows how the XYZ color 81.9034, 89.2234, 100.0938 looks on a white background.

Color Contrast Check

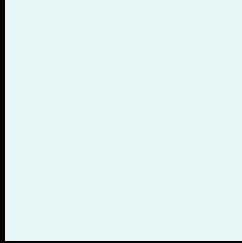
Large Text (above 18pt) WCAG AA × Fail

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 81.9034, 89.2234, 100.0938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

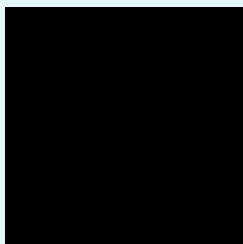
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

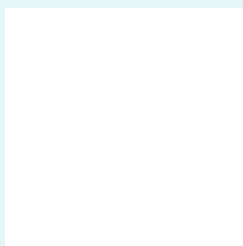
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9034, 89.2234, 100.0938

Background



This preview shows how black text looks on a background with the XYZ color 81.9034, 89.2234, 100.0938.



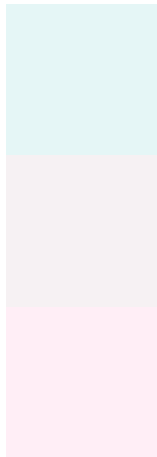
This preview shows how white text looks on a background with the XYZ color 81.9034, 89.2234,

100.0938.

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

81.9034, 89.2234, 100.0938

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

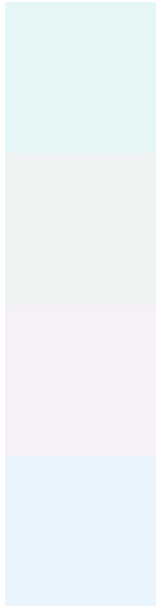
88.4491, 89.0629, 99.7179



Tritanopia

84.6927, 89.1541, 107.3524

Trichromacy



Original Color

81.9034, 89.2234, 100.0938

Protanomaly

84.3149, 89.1581, 98.3533

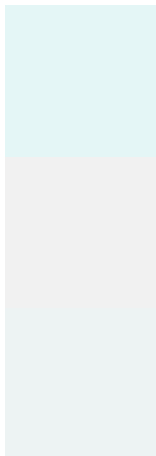
Deuteranomaly

86.0959, 89.1572, 99.8601

Tritanomaly

83.5256, 89.0533, 104.8822

Monochromacy



Original Color

81.9034, 89.2234, 100.0938

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1533, 88.5768, 97.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9034, 89.2234, 100.0938 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(229, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(229, 246, 246)  
}
```

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(229, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 246, 246) }
```

Border

The CSS property to change the border of an element to XYZ 81.9034, 89.2234, 100.0938 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(229, 246, 246) }
```


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

```
.border{ border-color:rgb(229, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(229, 246,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9034, 89.2234, 100.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 246, 246) }
```

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

```
.background{ background-color: rgb(229,  
246, 246) }
```

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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