

Converting Colors

XYZ(81.0745, 90.3679, 97.9523)

Have a look what the booklet for
XYZ(81.0745, 90.3679, 97.9523)
contains.

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Color

**XYZ(81.1047, 90.2300,
97.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F9F3
RGB	225, 249, 243
RGB Percent	88%, 98%, 95%
CMY	0.1176, 0.0235, 0.0471
CMYK	0.10, 0.00, 0.02, 0.02
HSL	165°, 67%, 93%
HSV	165°, 10%, 98%
XYZ	81.1047, 90.2300, 97.9355
YIQ	241.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

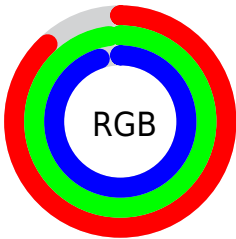
Format	Color
R _{YB}	225, 239, 249
Decimal	14809587
CIE Lab	96.09, -8.91, 0.20
CIE LCh	96, 8.909, 178.693
Yxy	90.2300, 0.3012, 0.3351
Android (android.graphics.Color)	4292999667 (0xFFE1F9F3)
YUV	241.1400, 0.9170, -14.1548
Hunter-Lab	94.9895, -13.8232, 5.3638

Details

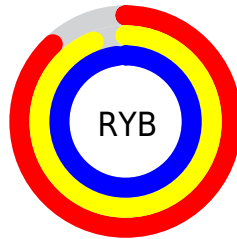
The XYZ color **81.1047, 90.2300, 97.9355** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.4192, 79.7621, 86.7626**, and the grayscale version is **83.7215, 88.0815, 95.9208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6172, 50.2738, 54.3660** is the 20% darker color. If you saturate the color by 10%, you get **72.9769, 86.1493, 92.7297**, and if you desaturate by 10%, it is **90.4016, 94.9147, 103.3663**.

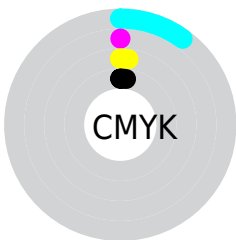
Distribution



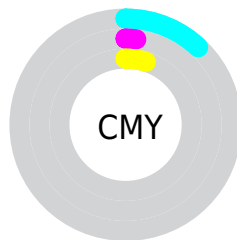
- Red (88%)
- Green (98%)
- Blue (95%)



- Red (88%)
- Yellow (94%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (12%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1047, 90.2300, 97.9355 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 81.1047, 90.2300, 97.9355 by changing the saturation by 10% instead.

81.1047, 90.2300,
97.9355

81.1047, 90.2300,
97.9355

487.3280,
528.7787, 574.7432

60.9394, 68.1714,
73.9703

133.8602,
147.6578, 160.3442

44.4286, 50.0372,
54.2731

167.1810,
183.7959, 199.6248

31.2070, 35.4430,
38.4254

205.6178,
225.3959, 244.8476

20.9091, 24.0043,
26.0086

249.5359,
272.8422, 296.4311

13.1697, 15.3368,
16.6042

299.3006,
326.5192, 354.7939

7.6233, 9.0561,
9.7938

355.2773,

3.9046, 4.7778,

386.8114, 420.3544

5.1586

417.8313,
454.1031, 493.5314

■ 1.6483, 2.1175,
2.2803

■ 0.4236, 0.6744,
0.7201

■ 81.1047, 90.2300,
97.9355

■ 81.1047, 90.2300,
97.9355

■ 72.9769, 86.1493,
92.7297

■ 90.4016, 94.9147,
103.3663

■ 65.9614, 82.6359,
87.7391

■ 93.1674, 96.2348,
108.2725

■ 60.0081, 79.6664,
82.9614

■ 55.0599, 77.2115,
78.3925

■ 51.0545, 75.2391,
74.0275

■ 47.9222, 73.7133,
69.8616

■ 45.5834, 72.5931,
65.8893

■ 43.9437, 71.8299,
62.1043

■ 42.8528, 71.3462,
58.4978

Harmonies

Analogous

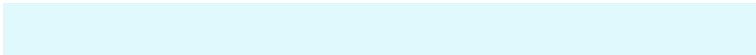
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7709, 90.2300, 91.3525



81.1047, 90.2300, 97.9355



81.6661, 90.2300, 104.9141

Triad

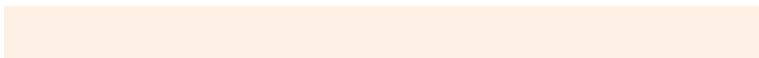
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1047, 90.2300, 97.9355



88.0590, 90.2300, 110.6526



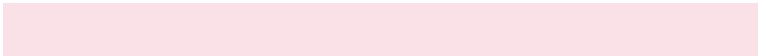
88.2499, 90.2300, 87.0873

Complementary

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



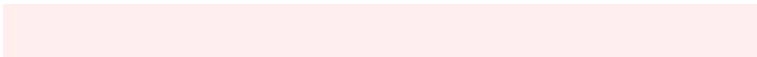
81.1047, 90.2300, 97.9355



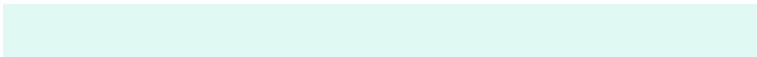
80.4192, 79.7621, 86.7626

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.



89.9904, 90.2300, 91.8649



81.1047, 90.2300, 97.9355



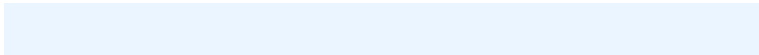
89.8786, 90.2300, 105.4760

Square

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



81.1047, 90.2300, 97.9355



85.6527, 90.2300, 112.4647



90.5920, 90.2300, 98.5554



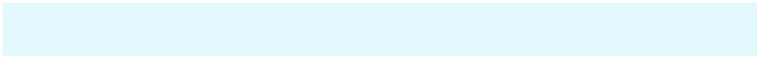
85.8692, 90.2300, 85.2777

Rectangle

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



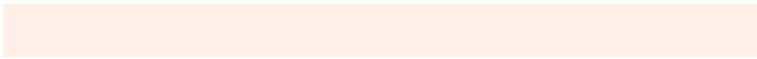
81.1047, 90.2300, 97.9355



82.6672, 90.2300, 108.8093



90.5920, 90.2300, 98.5554



88.9309, 90.2300, 88.3879

Sweetspot

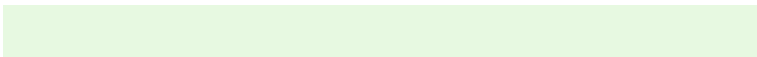
The Sweet Spot groups the original color and five complimentary colors.



81.1073, 90.2338, 97.9375



91.9848, 98.4552, 107.1565



80.5535, 90.2472, 84.4094



19.5173, 20.9872, 22.8369



0.0000, 0.0000, 0.0000



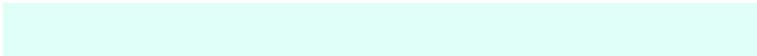
20.3446, 21.4041, 23.3091

Same Dimension

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



81.1073, 90.2338, 97.9375



83.4666, 94.1681, 102.0533



80.3235, 87.1914, 102.2232



17.5694, 19.5300, 21.1991



22.9784, 38.2043, 31.5590



2.1705, 3.5553, 3.1455

Inverse Universe

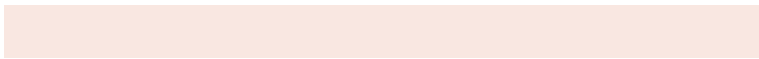
The Inverse Universe completely reimagines the original color for something new.



80.4192, 79.7621, 86.7626



82.5764, 80.6158, 87.5920



81.1246, 82.5068, 82.8852



17.4227, 17.2964, 18.8155



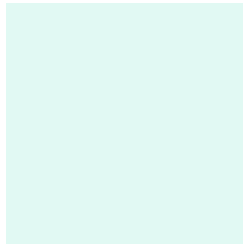
21.4290, 10.9873, 3.7016



2.0252, 1.0338, 0.5563

Previews

White Background



This preview shows how the XYZ color 81.1047, 90.2300, 97.9355 looks on a white background.

Color Contrast Check

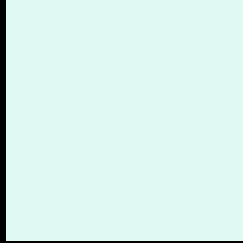
Large Text (above 18pt) WCAG AA × Fail

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 81.1047, 90.2300, 97.9355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

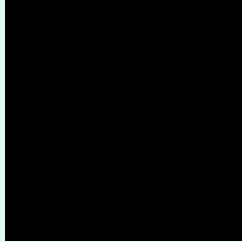
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

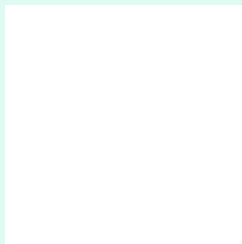
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1047, 90.2300, 97.9355

Background



This preview shows how black text looks on a background with the XYZ color 81.1047, 90.2300, 97.9355.



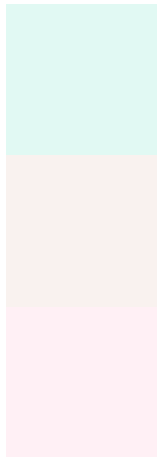
This preview shows how white text looks on a background with the XYZ color 81.1047, 90.2300,

97.9355.

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

81.1047, 90.2300, 97.9355

Protanopia

86.3990, 89.8760, 94.4554

Deuteranopia

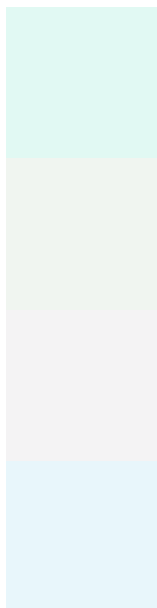
88.8815, 90.1727, 99.1067



Tritanopia

85.2945, 90.3577, 107.5530

Trichromacy



Original Color

81.1047, 90.2300, 97.9355

Protanomaly

84.3158, 90.1214, 95.3893

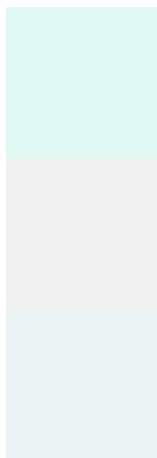
Deuteranomaly

85.6880, 89.8659, 98.4176

Tritanomaly

83.6471, 90.0324, 104.2361

Monochromacy



Original Color

81.1047, 90.2300, 97.9355

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.6386, 88.7743, 96.7840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1047, 90.2300, 97.9355 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(225, 249, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 249, 243)  
}
```

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(225, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 249, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.1047, 90.2300, 97.9355 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(225, 249, 243) }
```


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

```
.border{ border-color:rgb(225, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 249,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1047, 90.2300, 97.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 249, 243) }
```

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

```
.background{ background-color: rgb(225,  
249, 243) }
```

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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