

Converting Colors

XYZ(81.5471, 89.3410, 96.6694)

Have a look what the booklet for
XYZ(81.5471, 89.3410, 96.6694)
contains.

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Color

**XYZ(81.6009, 89.5903,
96.9962)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E5F7F2 |
| RGB | 229, 247, 242 |
| RGB Percent | 90%, 97%, 95% |
| CMY | 0.1020, 0.0314, 0.0510 |
| CMYK | 0.07, 0.00, 0.02, 0.03 |
| HSL | 163°, 53%, 93% |
| HSV | 163°, 7%, 97% |
| XYZ | 81.6009, 89.5903, 96.9962 |
| YIQ | 241.0480, -9.1230, -5.3710 |

Conversions

Conversions Part 2

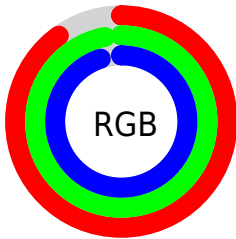
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 229, 239, 247 |
| Decimal | 15071218 |
| CIE _{Lab} | 95.83, -6.80, 0.36 |
| CIE _{LCh} | 96, 6.807, 176.929 |
| Yxy | 89.5903, 0.3043, 0.3341 |
| Android (android.graphics.Color) | 4293261298 (0xFFE5F7F2) |
| YUV | 241.0480, 0.4693, -10.5661 |
| Hunter-Lab | 94.6522, -11.7540, 5.4982 |

Details

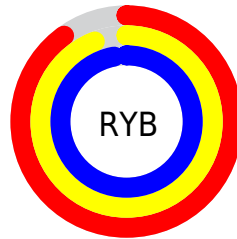
The XYZ color **81.6009, 89.5903, 96.9962** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2317, 81.7557, 89.3453**, and the grayscale version is **83.6506, 88.0069, 95.8396**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7273, 49.6910, 53.6883** is the 20% darker color. If you saturate the color by 10%, you get **73.2621, 85.4109, 91.3254**, and if you desaturate by 10%, it is **91.1048, 94.3708, 102.9273**.

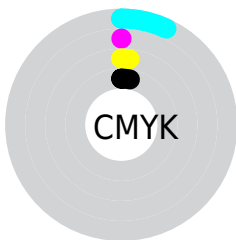
Distribution



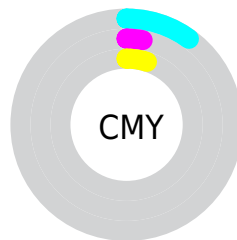
- Red (90%)
- Green (97%)
- Blue (95%)



- Red (90%)
- Yellow (94%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6009, 89.5903, 96.9962 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 81.6009, 89.5903, 96.9962 by changing the saturation by 10% instead.

81.6009, 89.5903,
96.9962

81.6009, 89.5903,
96.9962

488.9665,
526.6972, 571.6828

61.3496, 67.6409,
73.1915

134.5529,
146.7692, 159.0388

44.7610, 49.6056,
53.6398

167.9844,
182.7674, 198.1137

31.4697, 35.1002,
37.9225

206.5399,
224.2174, 243.1159

21.1103, 23.7400,
25.6212

250.5849,
271.5035, 294.4637

13.3176, 15.1409,
16.3173

300.4847,
325.0102, 352.5758

7.7261, 8.9183,
9.5921

356.6047,

3.9705, 4.6879,

385.1217, 417.8706

5.0273

419.3102,
452.2226, 490.7668

■ 1.6855, 2.0654,
2.2043

■ 0.4472, 0.6450,
0.6768

■ 81.6009, 89.5903,
96.9962

■ 81.6009, 89.5903,
96.9962

■ 73.2621, 85.4109,
91.3254

■ 91.1048, 94.3708,
102.9273

■ 66.0334, 81.7968,
85.9047

■ 92.5524, 95.0048,
108.0675

■ 59.8663, 78.7257,
80.7312

■ 54.7059, 76.1692,
75.8003

■ 50.4923, 74.0966,
71.1068

■ 47.1590, 72.4735,
66.6453

■ 44.6304, 71.2611,
62.4098

■ 42.8179, 70.4137,
58.3938

■ 41.6065, 69.8722,
54.5893

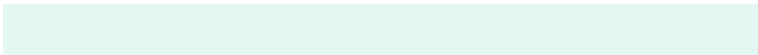
Harmonies

Analogous

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



82.1652, 89.5903, 92.0185



81.6009, 89.5903, 96.9962



81.9767, 89.5903, 102.3033

Triad

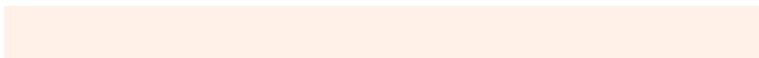
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.6009, 89.5903, 96.9962



86.7973, 89.5903, 107.0535



87.1367, 89.5903, 89.1438

Complementary

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



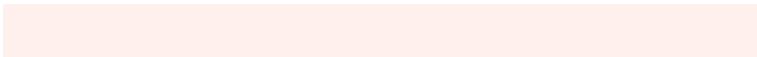
81.6009, 89.5903, 96.9962



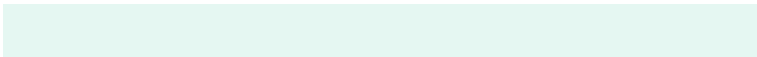
81.2317, 81.7557, 89.3453

Split Complementary

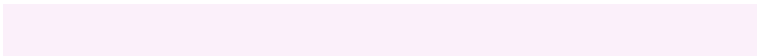
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4101, 89.5903, 92.9436



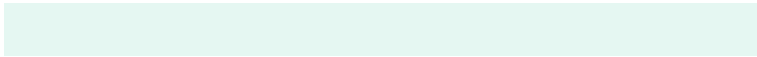
81.6009, 89.5903, 96.9962



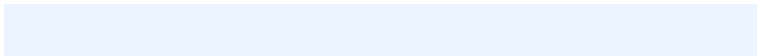
88.2121, 89.5903, 103.2960

Square

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



81.6009, 89.5903, 96.9962



84.9598, 89.5903, 108.2341



88.8065, 89.5903, 98.1031



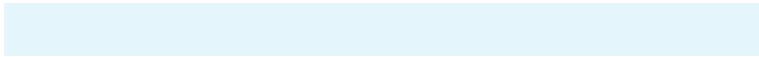
85.3463, 89.5903, 87.5906

Rectangle

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



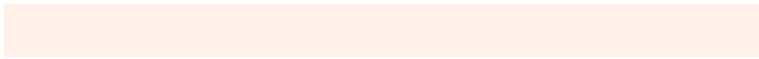
81.6009, 89.5903, 96.9962



82.7129, 89.5903, 105.2928



88.8065, 89.5903, 98.1031



87.6404, 89.5903, 90.1937

Sweetspot

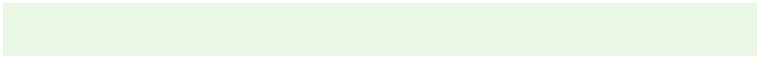
The Sweet Spot groups the original color and five complimentary colors.



81.6034, 89.5941, 96.9982



92.9711, 98.9546, 107.6159



81.3711, 89.6920, 87.1538



19.9214, 21.1913, 23.0478



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.



81.6034, 89.5941, 96.9982



86.0948, 95.5001, 103.2090



81.1850, 87.5379, 100.6177



16.7887, 18.6746, 20.1719



21.9225, 36.9138, 28.6752



1.9702, 3.2617, 2.7491

Inverse Universe

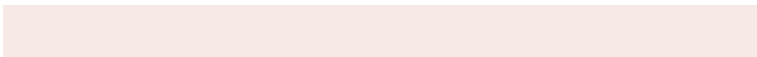
The Inverse Universe completely reimagines the original color for something new.



81.2317, 81.7557, 89.3453



85.6064, 85.1996, 93.1526



81.6142, 83.6552, 85.9758



16.6884, 16.5582, 18.1056



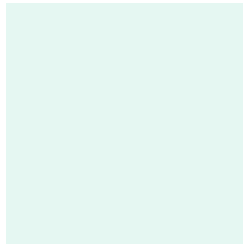
20.9001, 10.7035, 4.1823



1.8787, 0.9575, 0.5879

Previews

White Background



This preview shows how the XYZ color 81.6009, 89.5903, 96.9962 looks on a white background.

Color Contrast Check

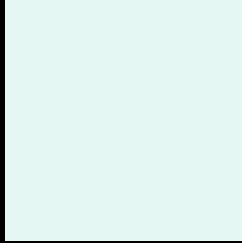
Large Text (above 18pt) WCAG AA × Fail

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 81.6009, 89.5903, 96.9962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

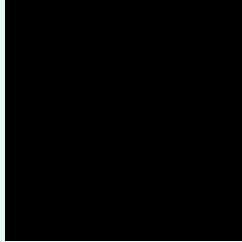
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

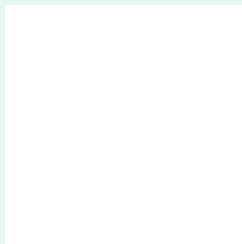
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.6009, 89.5903, 96.9962

Background



This preview shows how black text looks on a background with the XYZ color 81.6009, 89.5903, 96.9962.



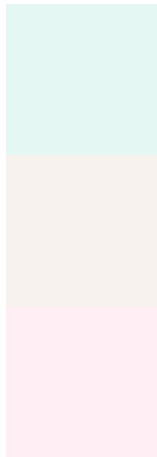
This preview shows how white text looks on a background with the XYZ color 81.6009, 89.5903,

96.9962.

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

81.6009, 89.5903, 96.9962

Protanopia

86.0435, 89.6927, 94.4388

Deuteranopia

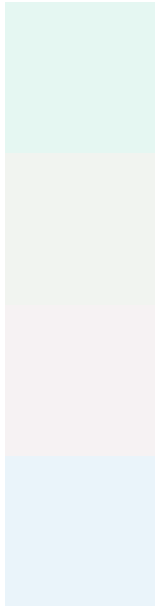
88.4356, 89.5247, 98.2069



Tritanopia

85.0256, 89.3257, 107.3680

Trichromacy



Original Color

81.6009, 89.5903, 96.9962

Protanomaly

84.3545, 89.6934, 95.3047

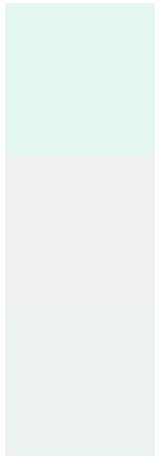
Deuteranomaly

85.9358, 89.5682, 97.5531

Tritanomaly

83.5377, 89.0959, 103.2368

Monochromacy



Original Color

81.6009, 89.5903, 96.9962

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.8528, 88.4566, 95.9261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6009, 89.5903, 96.9962 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, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 242)  
}
```

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, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.6009, 89.5903, 96.9962 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, 247, 242) }
```


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

```
.border{ border-color:rgb(229, 247, 242) }
```

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

Here you see how a box with a 4 pixel rgb(229, 247, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6009, 89.5903, 96.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 242) }
```

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

```
.background{ background-color: rgb(229,  
247, 242) }
```

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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