

Converting Colors

XYZ(82.1996, 90.0990, 97.3396)

Have a look what the booklet for
XYZ(82.1996, 90.0990, 97.3396)
contains.

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Color

**XYZ(81.9209, 89.7553,
97.0112)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F7F2
RGB	230, 247, 242
RGB Percent	90%, 97%, 95%
CMY	0.0980, 0.0314, 0.0510
CMYK	0.07, 0.00, 0.02, 0.03
HSL	162°, 52%, 94%
HSV	162°, 7%, 97%
XYZ	81.9209, 89.7553, 97.0112
YIQ	241.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

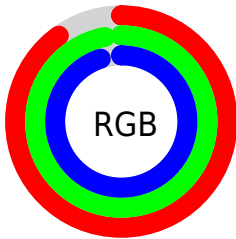
Format	Color
R _Y B	230, 240, 247
Decimal	15136754
CIE Lab	95.90, -6.47, 0.47
CIE LCh	96, 6.490, 175.821
Yxy	89.7553, 0.3049, 0.3341
Android (android.graphics.Color)	4293326834 (0xFFE6F7F2)
YUV	241.3470, 0.3219, -9.9513
Hunter-Lab	94.7393, -11.4451, 5.6057

Details

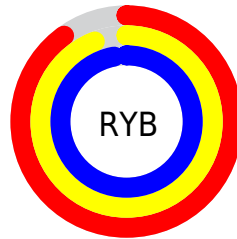
The XYZ color **81.9209, 89.7553, 97.0112** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.6533, 82.3683, 90.1966**, and the grayscale version is **83.8869, 88.2556, 96.1103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9493, 49.8054, 53.6987** is the 20% darker color. If you saturate the color by 10%, you get **73.4793, 85.5297, 91.0312**, and if you desaturate by 10%, it is **91.5342, 94.5849, 103.2763**.

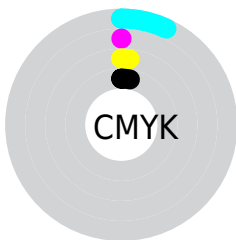
Distribution



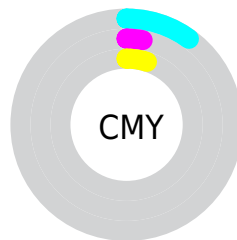
- Red (90%)
- Green (97%)
- Blue (95%)



- 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 81.9209, 89.7553, 97.0112 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 81.9209, 89.7553, 97.0112 by changing the saturation by 10% instead.

81.9209, 89.7553,
97.0112

81.9209, 89.7553,
97.0112

490.0216,
527.2345, 571.7318

61.6142, 67.7777,
73.2039

134.9995,
146.9984, 159.0596

44.9755, 49.7169,
53.6499

168.5021,
183.0328, 198.1379

31.6393, 35.1885,
37.9306

207.1340,
224.5215, 243.1435

21.2404, 23.8081,
25.6274

251.2607,
271.8490, 294.4951

13.4133, 15.1914,
16.3218

301.2474,
325.3997, 352.6112

7.7927, 8.9538,
9.5954

357.4596,

4.0133, 4.7111,

385.5579, 417.9103

5.0294

420.2625,
452.7080, 490.8110

■ 1.7096, 2.0787,
2.2055

■ 0.4623, 0.6526,
0.6775

■ 81.9209, 89.7553,
97.0112

■ 81.9209, 89.7553,
97.0112

■ 73.4793, 85.5297,
91.0312

■ 91.5342, 94.5849,
103.2763

■ 66.1543, 81.8722,
85.3256

■ 92.5524, 95.0049,
108.0675

■ 59.8976, 78.7605,
79.8912

■ 54.6544, 76.1665,
74.7229

■ 50.3648, 74.0594,
69.8151

■ 46.9626, 72.4049,
65.1620

■ 44.3726, 71.1645,
60.7570

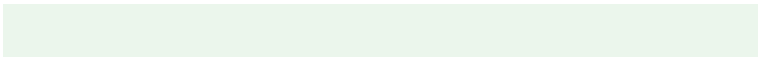
■ 42.5067, 70.2928,
56.5933

■ 41.2531, 69.7323,
52.6626

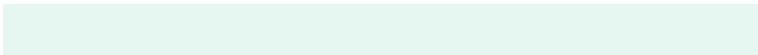
Harmonies

Analogous

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



82.4923, 89.7553, 92.2914



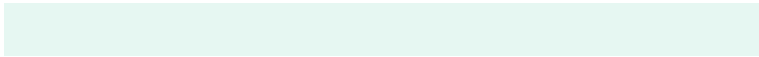
81.9209, 89.7553, 97.0112



82.2471, 89.7553, 102.0874

Triad

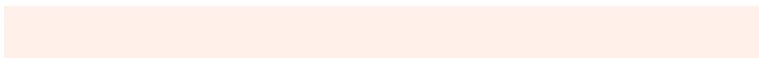
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9209, 89.7553, 97.0112



86.8185, 89.7553, 106.8781



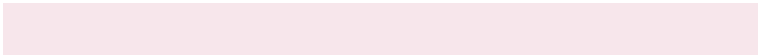
87.2591, 89.7553, 89.7938

Complementary

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



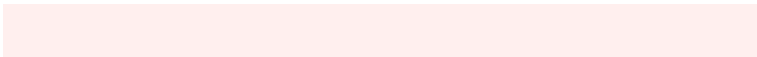
81.9209, 89.7553, 97.0112



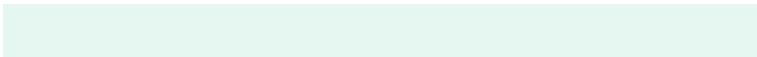
81.6533, 82.3683, 90.1966

Split Complementary

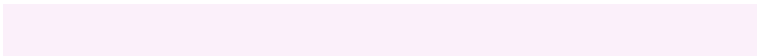
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4475, 89.7553, 93.4950



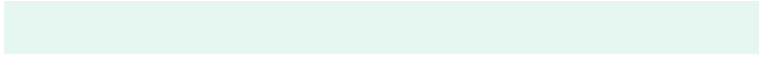
81.9209, 89.7553, 97.0112



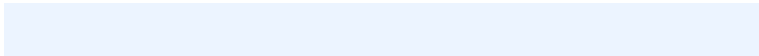
88.1906, 89.7553, 103.3745

Square

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



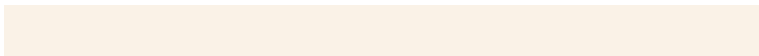
81.9209, 89.7553, 97.0112



85.0590, 89.7553, 107.8987



88.7907, 89.7553, 98.4489



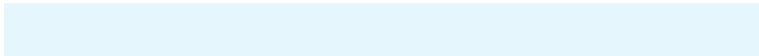
85.5610, 89.7553, 88.2179

Rectangle

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



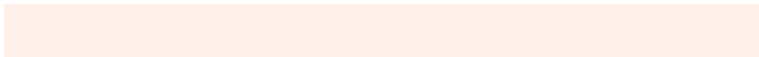
81.9209, 89.7553, 97.0112



82.9321, 89.7553, 104.9736



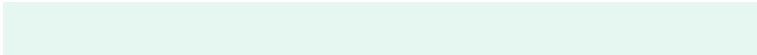
88.7907, 89.7553, 98.4489



87.7324, 89.7553, 90.8242

Sweetspot

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



81.9234, 89.7591, 97.0132



92.9578, 98.9492, 107.5457



81.8406, 89.9179, 87.9067



19.9187, 21.1902, 23.0335



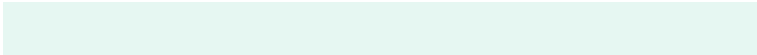
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

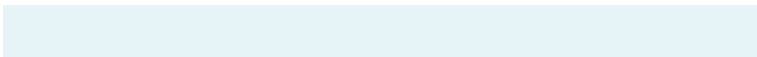
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9234, 89.7591, 97.0132



86.9874, 95.9535, 103.5560



81.6550, 88.0028, 100.6827



16.7767, 18.6698, 20.1087



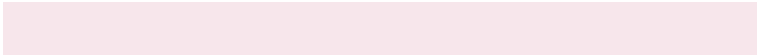
21.7124, 36.8298, 27.5691



1.9531, 3.2549, 2.6591

Inverse Universe

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



81.6533, 82.3683, 90.1966



86.6519, 86.7751, 95.0909



81.8959, 83.9945, 86.7605



16.6997, 16.5627, 18.1654



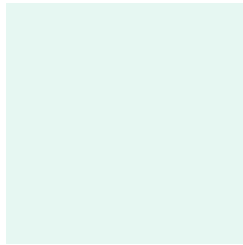
20.9705, 10.7316, 4.5529



1.8862, 0.9604, 0.6270

Previews

White Background



This preview shows how the XYZ color 81.9209, 89.7553, 97.0112 looks on a white background.

Color Contrast Check

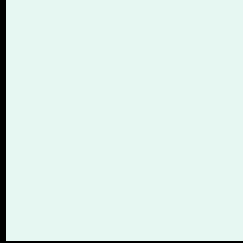
Large Text (above 18pt) WCAG AA × Fail

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 81.9209, 89.7553, 97.0112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

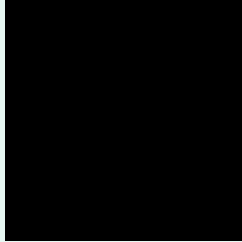
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

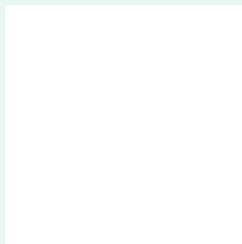
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9209, 89.7553, 97.0112

Background



This preview shows how black text looks on a background with the XYZ color 81.9209, 89.7553, 97.0112.



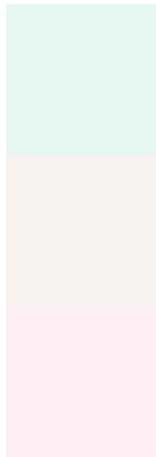
This preview shows how white text looks on a background with the XYZ color 81.9209, 89.7553,

97.0 12.

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

81.9209, 89.7553, 97.0112

Protanopia

86.0435, 89.6927, 94.4388

Deuteranopia

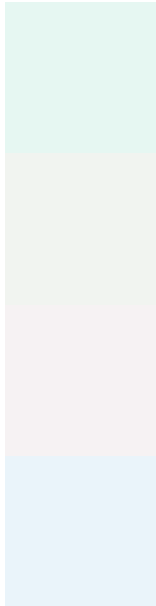
88.4356, 89.5247, 98.2069



Tritanopia

85.0256, 89.3257, 107.3680

Trichromacy



Original Color

81.9209, 89.7553, 97.0112

Protanomaly

84.3545, 89.6934, 95.3047

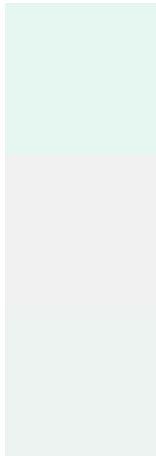
Deuteranomaly

85.9358, 89.5682, 97.5531

Tritanomaly

83.5377, 89.0959, 103.2368

Monochromacy



Original Color

81.9209, 89.7553, 97.0112

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 81.9209, 89.7553, 97.0112 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 247, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.9209, 89.7553, 97.0112 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, 242) }
```


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

```
.border{ border-color:rgb(230, 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(230, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 247,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9209, 89.7553, 97.0112 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, 242) }
```

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

```
.background{ background-color: rgb(230,  
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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