

Converting Colors

XYZ(81.6194, 89.5334, 94.4989)

Have a look what the booklet for
XYZ(81.6194, 89.5334, 94.4989)
contains.

XYZ(81.7957, 89.7424, 94.6723)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.7957, 89.7424,
94.6723)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F7EF
RGB	231, 247, 239
RGB Percent	91%, 97%, 94%
CMY	0.0941, 0.0314, 0.0627
CMYK	0.06, 0.00, 0.03, 0.03
HSL	150°, 50%, 94%
HSV	150°, 6%, 97%
XYZ	81.7957, 89.7424, 94.6723
YIQ	241.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

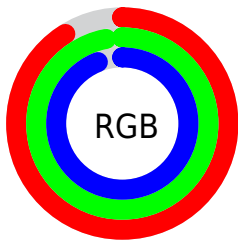
Format	Color
R _{YB}	231, 242, 247
Decimal	15202287
CIE Lab	95.89, -6.69, 2.02
CIE LCh	96, 6.991, 163.181
Yxy	89.7424, 0.3073, 0.3371
Android (android.graphics.Color)	4293392367 (0xFFE7F7EF)
YUV	241.3040, -1.1359, -9.0366
Hunter-Lab	94.7325, -11.6580, 7.0604

Details

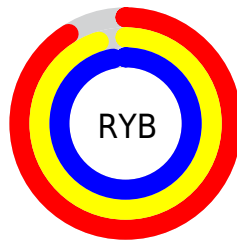
The XYZ color **81.7957, 89.7424, 94.6723** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.5169, 83.1602, 93.3679**, and the grayscale version is **83.8632, 88.2306, 96.0832**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8572, 49.7945, 52.0468** is the 20% darker color. If you saturate the color by 10%, you get **72.6164, 85.2165, 85.0403**, and if you desaturate by 10%, it is **91.9711, 94.7724, 105.0058**.

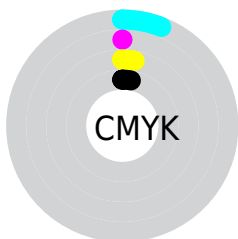
Distribution



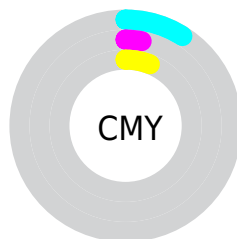
- Red (91%)
- Green (97%)
- Blue (94%)



- Red (91%)
- Yellow (95%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7957, 89.7424, 94.6723 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 81.7957, 89.7424, 94.6723 by changing the saturation by 10% instead.

81.7957, 89.7424,
94.6723

81.7957, 89.7424,
94.6723

489.6089,
527.1925, 564.0729

61.5107, 67.7670,
71.2669

134.8248,
146.9805, 155.8035

44.8915, 49.7082,
52.0768

168.2996,
183.0120, 194.3663

31.5729, 35.1816,
36.6837

206.9016,
224.4977, 238.8187

21.1895, 23.8028,
24.6688

250.9964,
271.8220, 289.5792

13.3758, 15.1874,
15.6137

300.9491,
325.3692, 347.0663

7.7666, 8.9510,
9.0998

357.1252,

3.9965, 4.7092,

385.5238, 411.6986

4.7087

419.8900,
452.6701, 483.8946

■ 1.7002, 2.0777,
2.0216

■ 0.4564, 0.6520,
0.5685

■ 81.7957, 89.7424,
94.6723

■ 81.7957, 89.7424,
94.6723

■ 72.6164, 85.2165,
85.0403

■ 91.9711, 94.7724,
105.0058

■ 64.6351, 81.2916,
76.1008

■ 92.5525, 95.0049,
108.0675

■ 57.8015, 77.9445,
67.8399

■ 52.0589, 75.1463,
60.2413

■ 47.3454, 72.8655,
53.2879

■ 43.5929, 71.0671,
46.9616

■ 40.7241, 69.7118,
41.2435

■ 38.6492, 68.7535,
36.1134

■ 37.2561, 68.1349,
31.5494

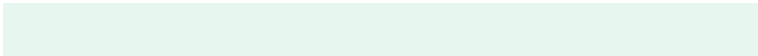
Harmonies

Analogous

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



82.7842, 89.7424, 90.1703



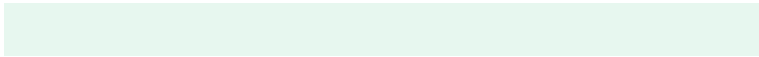
81.7957, 89.7424, 94.6723



81.7364, 89.7424, 100.1567

Triad

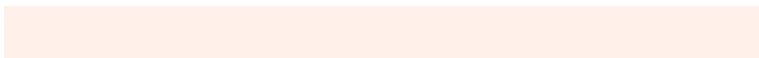
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7957, 89.7424, 94.6723



86.1461, 89.7424, 108.4273



88.0311, 89.7424, 90.6232

Complementary

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



81.7957, 89.7424, 94.6723



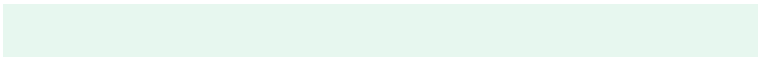
82.5169, 83.1602, 93.3679

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.



88.9604, 89.7424, 95.3118



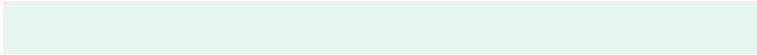
81.7957, 89.7424, 94.6723



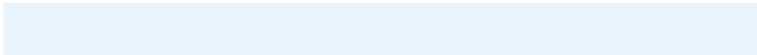
87.8611, 89.7424, 105.6676

Square

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



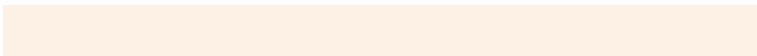
81.7957, 89.7424, 94.6723



84.2286, 89.7424, 108.2403



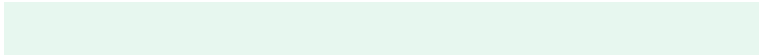
88.8978, 89.7424, 100.8206



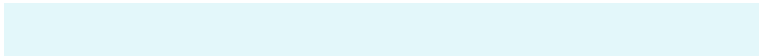
86.3753, 89.7424, 87.8937

Rectangle

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



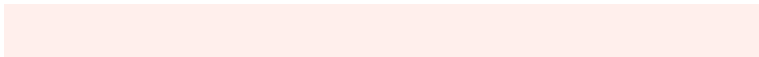
81.7957, 89.7424, 94.6723



82.2303, 89.7424, 103.6444



88.8978, 89.7424, 100.8206



88.4399, 89.7424, 92.0146

Sweetspot

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



81.7982, 89.7462, 94.6743



92.7905, 98.8823, 106.6649



83.3744, 90.6923, 88.7136



19.8847, 21.1766, 22.8542



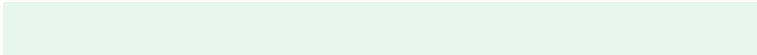
0.0000, 0.0000, 0.0000



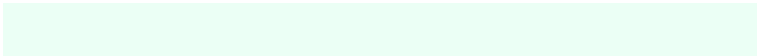
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7982, 89.7462, 94.6743



86.3396, 95.6944, 100.1447



82.9662, 90.2134, 100.8247



16.6277, 18.6102, 19.3239



19.5687, 35.9723, 16.2805



1.7718, 3.1824, 1.7040

Inverse Universe

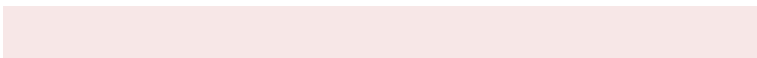
The Inverse Universe completely reimagines the original color for something new.



82.5169, 83.1602, 93.3679



87.2852, 87.0284, 98.4257



81.3978, 82.7126, 87.4752



16.8448, 16.6208, 18.9292



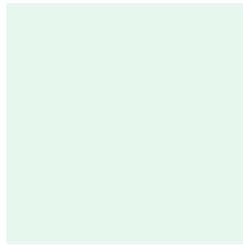
22.2662, 11.2499, 11.3761



2.0088, 1.0095, 1.2730

Previews

White Background



This preview shows how the XYZ color 81.7957, 89.7424, 94.6723 looks on a white background.

Color Contrast Check

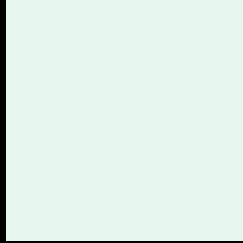
Large Text (above 18pt) WCAG AA × Fail

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 81.7957, 89.7424, 94.6723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

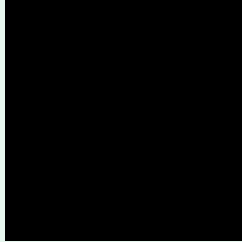
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

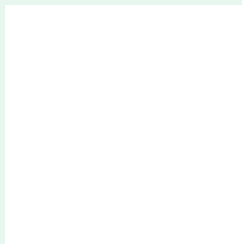
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7957, 89.7424, 94.6723

Background



This preview shows how black text looks on a background with the XYZ color 81.7957, 89.7424, 94.6723.



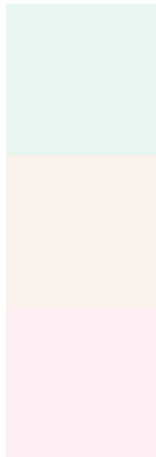
This preview shows how white text looks on a background with the XYZ color 81.7957, 89.7424,

94.6723.

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

81.7957, 89.7424, 94.6723

Protanopia

85.9594, 89.7001, 92.1402

Deuteranopia

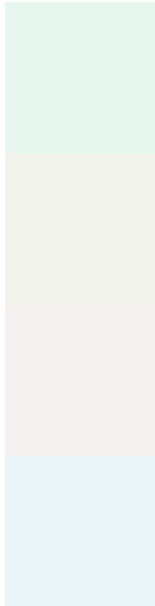
88.1335, 89.4038, 96.6159



Tritanopia

85.3605, 89.4983, 107.3837

Trichromacy



Original Color

81.7957, 89.7424, 94.6723

Protanomaly

84.2547, 89.6930, 92.9926

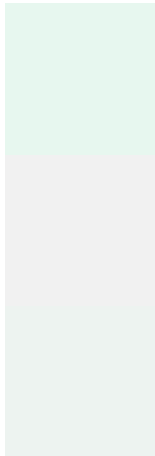
Deuteranomaly

85.6354, 89.4480, 95.9708

Tritanomaly

83.7105, 89.2031, 102.4284

Monochromacy



Original Color

81.7957, 89.7424, 94.6723

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 81.7957, 89.7424, 94.6723 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(231, 247, 239)` looks like.

```
.text, #text, p{  
    color:rgb(231, 247, 239)  
}
```

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(231, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 247, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.7957, 89.7424, 94.6723 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(231, 247, 239) }
```


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

```
.border{ border-color:rgb(231, 247, 239) }
```

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

Here you see how a box with a 4 pixel rgb(231, 247, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 247,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7957, 89.7424, 94.6723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 247, 239) }
```

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

```
.background{ background-color: rgb(231,  
247, 239) }
```

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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