

Converting Colors

XYZ(81.1850, 84.1222, 95.1785)

Have a look what the booklet for
XYZ(81.1850, 84.1222, 95.1785)
contains.

| | |
|--|----|
| XYZ(81.1821, 84.1183, 95.1768) | 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(81.1821, 84.1183,
95.1768)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EFEBF1 |
| RGB | 239, 235, 241 |
| RGB Percent | 94%, 92%, 95% |
| CMY | 0.0627, 0.0784, 0.0549 |
| CMYK | 0.01, 0.02, 0.00, 0.05 |
| HSL | 280°, 18%, 93% |
| HSV | 280°, 2%, 95% |
| XYZ | 81.1821, 84.1183, 95.1768 |
| YIQ | 236.8800, 0.4580, 2.7140 |

Conversions

Conversions Part 2

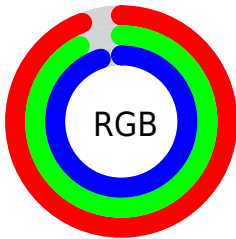
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 239, 235, 241 |
| Decimal | 15723505 |
| CIE Lab | 93.50, 2.41, -2.43 |
| CIE LCh | 94, 3.423, 314.714 |
| Yxy | 84.1183, 0.3117, 0.3229 |
| Android (android.graphics.Color) | 4293913585 (0xFFEFEBF1) |
| YUV | 236.8800, 2.0312, 1.8592 |
| Hunter-Lab | 91.7160, -2.5044, 2.6740 |

Details

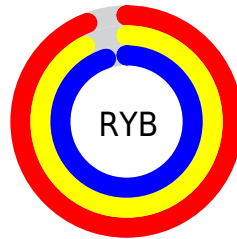
The XYZ color **81.1821, 84.1183, 95.1768** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3790, 86.9156, 91.0889**, and the grayscale version is **80.3907, 84.5773, 92.1046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4055, 45.8103, 52.4008** is the 20% darker color. If you saturate the color by 10%, you get **72.0909, 69.8752, 92.9080**, and if you desaturate by 10%, it is **90.0097, 97.6526, 97.3252**.

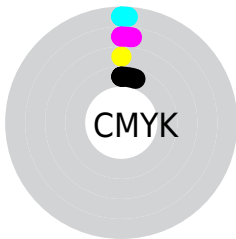
Distribution



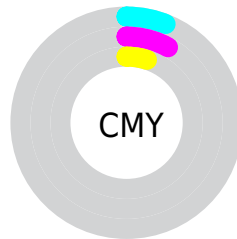
- Red (94%)
- Green (92%)
- Blue (95%)



- Red (94%)
- Yellow (92%)
- Blue (95%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1821, 84.1183, 95.1768 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 81.1821, 84.1183, 95.1768 by changing the saturation by 10% instead.

81.1821, 84.1183,
95.1768

81.1821, 84.1183,
95.1768

487.5838,
508.7060, 565.7296

61.0034, 63.1131,
71.6844

133.9682,
139.1406, 156.5065

44.4805, 45.9327,
52.4157

167.3064,
173.9266, 195.1810

31.2479, 32.1927,
36.9520

205.7617,
214.0749, 239.7532

20.9405, 21.5088,
24.8748

249.6996,
259.9700, 290.6417

13.1927, 13.4964,
15.7656

299.4854,
311.9963, 348.2650

7.6393, 7.7712,
9.2059

355.4845,

3.9149, 3.9489,

370.5381, 413.0418

4.7771

418.0622,
435.9799, 485.3905

■ 1.6541, 1.6450,
2.0606

■ 0.4273, 0.3877,
0.5922

■ 81.1821, 84.1183,
95.1768

■ 81.1821, 84.1183,
95.1768

■ 72.0909, 69.8752,
92.9080

■ 90.0097, 97.6526,
97.3252

■ 64.0139, 57.4847,
90.9421

■ 92.8774, 99.1310,
97.4594

■ 56.9122, 46.8701,
89.2676

■ 50.7412, 37.9448,
87.8701

■ 45.4529, 30.6150,
86.7340

■ 40.9943, 24.7775,
85.8423

■ 37.3063, 20.3166,
85.1756

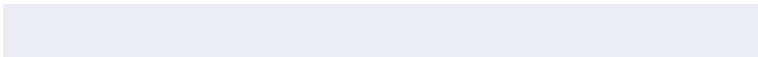
■ 34.3211, 17.0989,
84.7119

■ 31.9568, 14.9638,
84.4244

Harmonies

Analogous

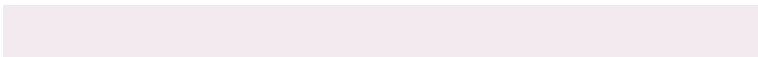
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3946, 84.1183, 96.4943



81.1821, 84.1183, 95.1768



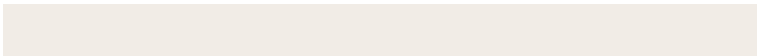
81.6417, 84.1183, 92.9103

Triad

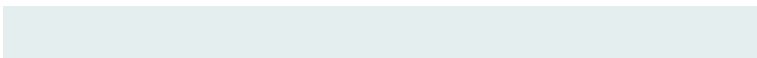
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1821, 84.1183, 95.1768



80.4114, 84.1183, 86.8683



78.2811, 84.1183, 92.8618

Complementary

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



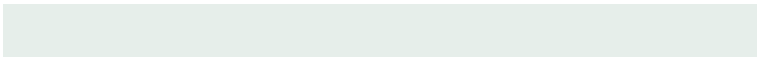
81.1821, 84.1183, 95.1768



81.3790, 86.9156, 91.0889

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.



78.2856, 84.1183, 90.2833



81.1821, 84.1183, 95.1768



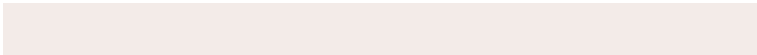
79.5109, 84.1183, 86.8558

Square

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



81.1821, 84.1183, 95.1768



81.1945, 84.1183, 88.1298



78.7342, 84.1183, 88.0955



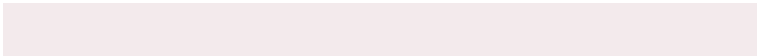
78.7221, 84.1183, 95.1407

Rectangle

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



81.1821, 84.1183, 95.1768



81.6982, 84.1183, 91.1817



78.7342, 84.1183, 88.0955



78.2307, 84.1183, 92.0005

Sweetspot

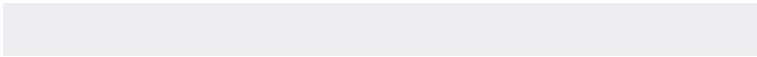
The Sweet Spot groups the original color and five complimentary colors.



81.1845, 84.1219, 95.1786



93.9296, 98.2228, 108.6160



80.4547, 84.6429, 95.3177



20.1166, 21.0425, 23.2513



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

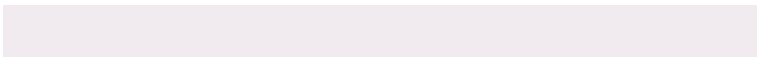
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1845, 84.1219, 95.1786



91.7252, 94.7350, 108.0590



81.7295, 84.4184, 94.5045



17.0235, 17.4958, 20.2014



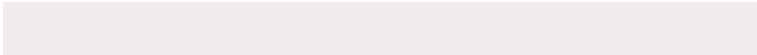
16.6859, 7.6073, 45.7168



1.4931, 0.6870, 3.8081

Inverse Universe

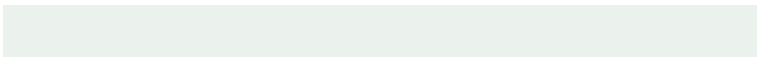
The Inverse Universe completely reimagines the original color for something new.



81.2731, 84.2358, 92.1009



91.8479, 94.8918, 103.8370



80.8452, 86.6253, 91.7440



17.0527, 17.5329, 19.2089



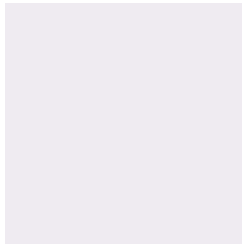
20.5205, 10.4806, 5.3913



1.7516, 0.8897, 0.6828

Previews

White Background



This preview shows how the XYZ color 81.1821, 84.1183, 95.1768 looks on a white background.

Color Contrast Check

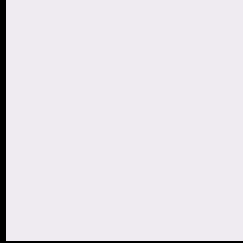
Large Text (above 18pt) WCAG AA × Fail

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 81.1821, 84.1183, 95.1768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

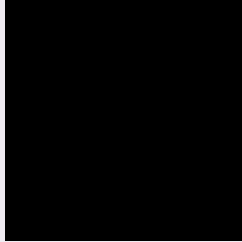
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

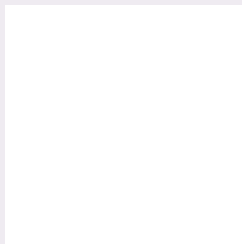
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1821, 84.1183, 95.1768

Background



This preview shows how black text looks on a background with the XYZ color 81.1821, 84.1183, 95.1768.



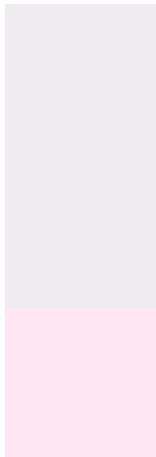
This preview shows how white text looks on a background with the XYZ color 81.1821, 84.1183,

95.1768.

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

81.1821, 84.1183, 95.1768

Protanopia

81.1821, 84.1183, 95.1768

Deuteranopia

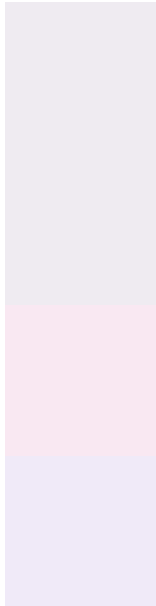
85.5638, 84.2644, 95.7594



Tritanopia

82.9852, 84.0069, 103.9366

Trichromacy



Original Color

81.1821, 84.1183, 95.1768

Protanomaly

81.1821, 84.1183, 95.1768

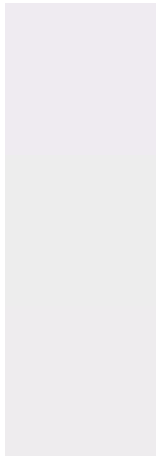
Deuteranomaly

83.9505, 84.2638, 95.8443

Tritanomaly

82.3013, 84.1482, 100.7114

Monochromacy



Original Color

81.1821, 84.1183, 95.1768

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.6880, 84.3411, 92.9157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1821, 84.1183, 95.1768 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(239, 235, 241) looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 241)  
}
```

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(239, 235, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.1821, 84.1183, 95.1768 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(239, 235, 241) }
```


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

```
.border{ border-color:rgb(239, 235, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 235, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1821, 84.1183, 95.1768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 235, 241) }
```

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

```
.background{ background-color: rgb(239,  
235, 241) }
```

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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