

Converting Colors

XYZ(81.7157, 82.6776, 96.4455)

Have a look what the booklet for
XYZ(81.7157, 82.6776, 96.4455)
contains.

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Color

**XYZ(81.7157, 82.6776,
96.4455)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F3E7F3 |
| RGB | 243, 231, 243 |
| RGB Percent | 95%, 91%, 95% |
| CMY | 0.0471, 0.0941, 0.0471 |
| CMYK | 0.00, 0.05, 0.00, 0.05 |
| HSL | 300°, 33%, 93% |
| HSV | 300°, 5%, 95% |
| XYZ | 81.7157, 82.6776, 96.4455 |
| YIQ | 235.9560, 3.3000, 6.2760 |

Conversions

Conversions Part 2

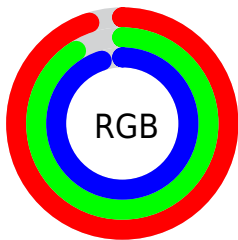
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 243, 231, 243 |
| Decimal | 15984627 |
| CIE _{Lab} | 92.87, 6.16, -4.36 |
| CIE _{LCh} | 93, 7.545, 324.674 |
| Yxy | 82.6776, 0.3133, 0.3170 |
| Android (android.graphics.Color) | 4294174707 (0xFF3E7F3) |
| YUV | 235.9560, 3.4727, 6.1776 |
| Hunter-Lab | 90.9272, 1.2941, 0.7608 |

Details

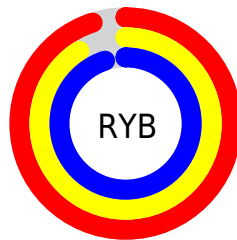
The XYZ color **81.7157, 82.6776, 96.4455** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4326, 86.8619, 88.1850**, and the grayscale version is **79.6697, 83.8187, 91.2786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7931, 44.8126, 53.3026** is the 20% darker color. If you saturate the color by 10%, you get **75.3821, 70.0092, 94.3353**, and if you desaturate by 10%, it is **88.9006, 97.0461, 98.8415**.

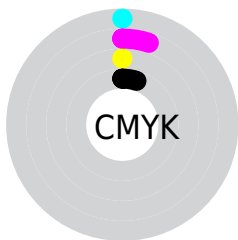
Distribution



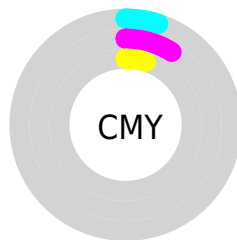
- Red (95%)
- Green (91%)
- Blue (95%)



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



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



- Cyan (5%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7157, 82.6776, 96.4455 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 81.7157, 82.6776, 96.4455 by changing the saturation by 10% instead.

81.7157, 82.6776,
96.4455

81.7157, 82.6776,
96.4455

489.3452,
503.9114, 569.8844

61.4445, 61.9242,
72.7351

134.7131,
137.1238, 158.2728

44.8379, 44.9715,
53.2689

168.1701,
171.5855, 197.2269

31.5305, 31.4350,
37.6283

206.7531,
211.3853, 242.0992

21.1570, 20.9303,
25.3947

250.8274,
256.9077, 293.3084

13.3519, 13.0730,
16.1497

300.7584,
308.5372, 351.2730

7.7500, 7.4789,
9.4746

356.9115,

3.9858, 3.7633,

366.6580, 416.4115

4.9510

419.6519,
431.6546, 489.1425

■ 1.6941, 1.5421,
2.1603

■ 0.4526, 0.3181,
0.6513

■ 81.7157, 82.6776,
96.4455

■ 81.7157, 82.6776,
96.4455

■ 75.3821, 70.0092,
94.3353

■ 88.9006, 97.0461,
98.8415

■ 69.9516, 59.1483,
92.5252

■ 88.9007, 97.0462,
98.8415

■ 65.3852, 50.0157,
91.0031

■ 88.9007, 97.0462,
98.8415

■ 61.6385, 42.5224,
89.7542

■ 88.9008, 97.0462,
98.8415

■ 58.6630, 36.5713,
88.7623

■ 88.9008, 97.0462,
98.8415

■ 56.4049, 32.0552,
88.0097

■ 88.9009, 97.0463,
98.8415

■ 54.8038, 28.8532,
87.4760

■ 88.9009, 97.0463,
98.8415

■ 53.7895, 26.8245,
87.1379

■ 88.9010, 97.0463,
98.8415

■ 53.2753, 25.7962,
86.9665

■ 88.9010, 97.0464,
98.8415

Harmonies

Analogous

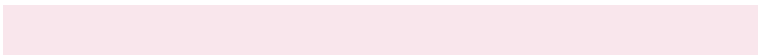
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1755, 82.6776, 100.2504



81.7157, 82.6776, 96.4455



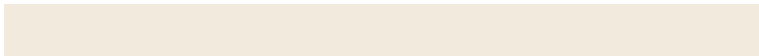
82.4172, 82.6776, 91.0332

Triad

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



81.7157, 82.6776, 96.4455



78.9349, 82.6776, 79.6405



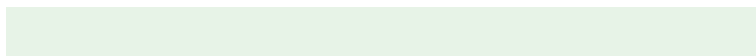
75.1885, 82.6776, 94.6298

Complementary

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



81.7157, 82.6776, 96.4455



79.4326, 86.8619, 88.1850

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.



74.8688, 82.6776, 89.0180



81.7157, 82.6776, 96.4455



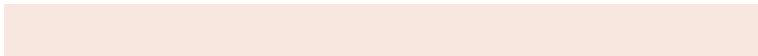
77.0109, 82.6776, 80.5138

Square

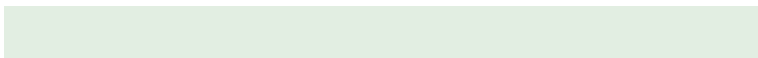
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7157, 82.6776, 96.4455



80.7946, 82.6776, 81.4528



75.5306, 82.6776, 83.8900



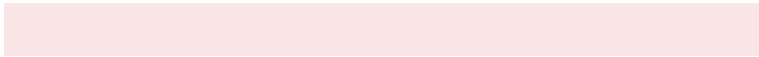
76.4113, 82.6776, 99.1718

Rectangle

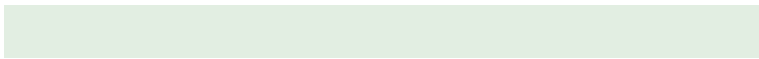
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7157, 82.6776, 96.4455



82.3065, 82.6776, 87.2999



75.5306, 82.6776, 83.8900



74.9727, 82.6776, 92.7998

Sweetspot

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



81.7181, 82.6812, 96.4473



94.2419, 98.3838, 108.6306



77.7683, 80.7281, 96.2785



20.1802, 21.0752, 23.2543



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.



81.7181, 82.6812, 96.4473



90.3618, 90.6237, 107.3373



80.8560, 82.3364, 91.9077



17.6189, 17.5787, 21.0070



29.1648, 14.0093, 47.7049



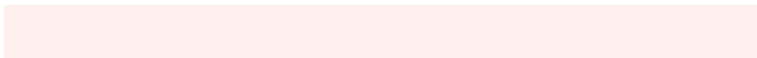
2.5633, 1.2313, 4.1928

Inverse Universe

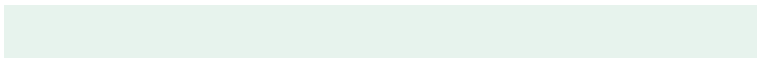
The Inverse Universe completely reimagines the original color for something new.



79.9648, 81.9799, 87.2147



87.9955, 89.6771, 94.8762



80.2653, 87.1949, 92.5704



17.1089, 17.3747, 18.3214



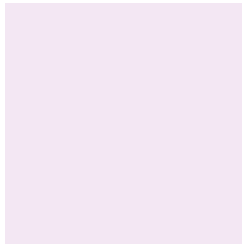
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 81.7157, 82.6776, 96.4455 looks on a white background.

Color Contrast Check

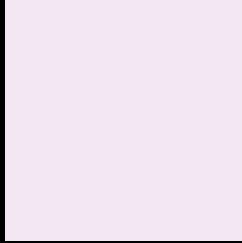
Large Text (above 18pt) WCAG AA × Fail

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 81.7157, 82.6776, 96.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

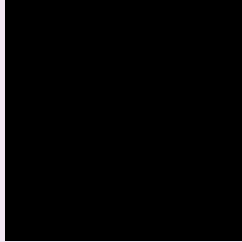
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

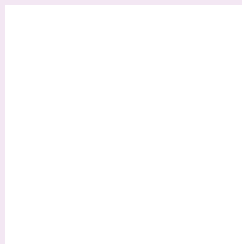
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7157, 82.6776, 96.4455

Background



This preview shows how black text looks on a background with the XYZ color 81.7157, 82.6776, 96.4455.



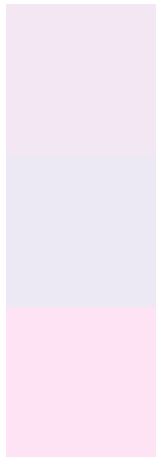
This preview shows how white text looks on a background with the XYZ color 81.7157, 82.6776,

96.4455.

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

81.7157, 82.6776, 96.4455

Protanopia

80.0601, 82.6423, 97.3199

Deuteranopia

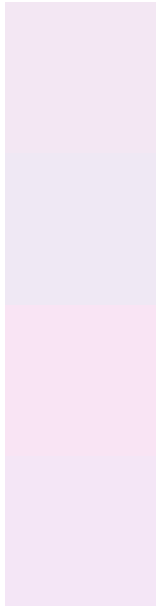
84.3062, 82.3525, 97.0401



Tritanopia

82.5483, 82.6040, 100.4003

Trichromacy



Original Color

81.7157, 82.6776, 96.4455

Protanomaly

80.7824, 82.5956, 97.2728

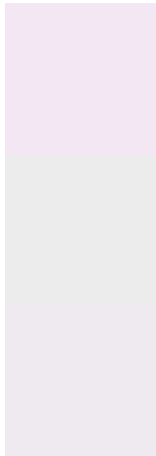
Deuteranomaly

83.1395, 82.1582, 97.0641

Tritanomaly

82.2396, 82.4805, 98.7746

Monochromacy



Original Color

81.7157, 82.6776, 96.4455

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5994, 83.4284, 93.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7157, 82.6776, 96.4455 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(243, 231, 243) looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 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(243, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.7157, 82.6776, 96.4455 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(243, 231, 243) }
```


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

```
.border{ border-color:rgb(243, 231, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7157, 82.6776, 96.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 243) }
```

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

```
.background{ background-color: rgb(243,  
231, 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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