

Converting Colors

XYZ(81.6086, 83.2494, 96.4126)

Have a look what the booklet for
XYZ(81.6086, 83.2494, 96.4126)
contains.

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Color

**XYZ(81.9345, 83.6261,
96.6171)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E9F3
RGB	242, 233, 243
RGB Percent	95%, 91%, 95%
CMY	0.0510, 0.0863, 0.0471
CMYK	0.00, 0.04, 0.00, 0.05
HSL	294°, 29%, 93%
HSV	294°, 4%, 95%
XYZ	81.9345, 83.6261, 96.6171
YIQ	236.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

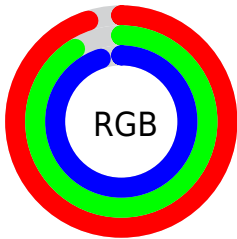
Format	Color
RYB	242, 233, 243
Decimal	15919603
CIELab	93.29, 4.79, -3.76
CIElCh	93, 6.092, 321.870
Yxy	83.6261, 0.3125, 0.3190
Android (android.graphics.Color)	4294109683 (0xFFFF2E9F3)
YUV	236.8310, 3.0413, 4.5332
Hunter-Lab	91.4473, -0.1013, 1.3713

Details

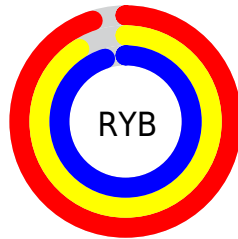
The XYZ color **81.9345, 83.6261, 96.6171** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.6934, 87.4791, 89.7272**, and the grayscale version is **80.3445, 84.5287, 92.0517**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9415, 45.4712, 53.4219** is the 20% darker color. If you saturate the color by 10%, you get **74.6957, 70.3779, 94.4427**, and if you desaturate by 10%, it is **89.3965, 97.3018, 98.8647**.

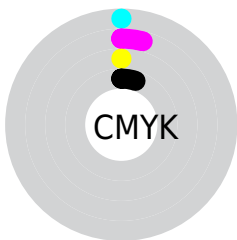
Distribution



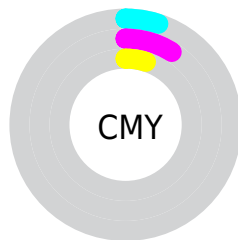
- Red (95%)
- Green (91%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9345, 83.6261, 96.6171 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 81.9345, 83.6261, 96.6171 by changing the saturation by 10% instead.

81.9345, 83.6261,
96.6171

81.9345, 83.6261,
96.6171

490.0664,
507.0708, 570.4451

61.6255, 62.7068,
72.8773

135.0184,
138.4520, 158.5116

44.9846, 45.6040,
53.3844

168.5241,
173.1274, 197.5033

31.6465, 31.9335,
37.7199

207.1593,
213.1570, 242.4161

21.2459, 21.3107,
25.4652

251.2894,
258.9251, 293.6685

13.4173, 13.3513,
16.2019

301.2798,
310.8161, 351.6791

7.7955, 7.6709,
9.5112

357.4959,

4.0151, 3.8851,

369.2145, 416.8664

4.9748

420.3030,
434.5046, 489.6489

■ 1.7107, 1.6095,
2.1740

■ 0.4629, 0.3640,
0.6593

■ 81.9345, 83.6261,
96.6171

■ 81.9345, 83.6261,
96.6171

■ 74.6957, 70.3779,
94.4427

■ 89.3965, 97.3018,
98.8647

■ 68.3743, 58.9493,
92.5699

■ 90.2477, 97.7406,
98.9046

■ 62.9316, 49.2618,
90.9869

■ 91.1101, 98.1852,
98.9449

■ 58.3233, 41.2268,
89.6789

■ 91.9837, 98.6355,
98.9858

■ 54.5012, 34.7480,
88.6298

■ 92.8686, 99.0917,
99.0272

■ 51.4122, 29.7191,
87.8220

■ 93.1779, 99.2512,
99.0417

■ 48.9963, 26.0205,
87.2354

■ 47.1842, 23.5133,
86.8470

■ 45.8910, 22.0280,
86.6284

Harmonies

Analogous

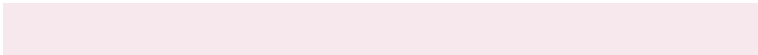
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6383, 83.6261, 99.4988



81.9345, 83.6261, 96.6171



82.5760, 83.6261, 92.3093

Triad

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



81.9345, 83.6261, 96.6171



79.9210, 83.6261, 82.5888



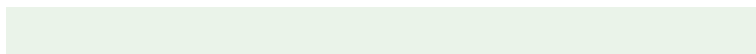
76.6566, 83.6261, 94.3841

Complementary

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



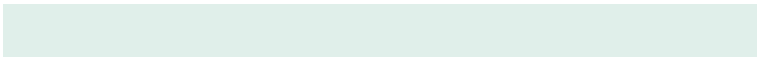
81.9345, 83.6261, 96.6171



80.6934, 87.4791, 89.7272

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.



76.4703, 83.6261, 89.8114



81.9345, 83.6261, 96.6171



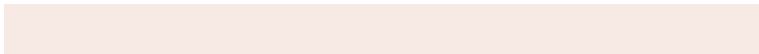
78.3410, 83.6261, 83.1023

Square

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



81.9345, 83.6261, 96.6171



81.4033, 83.6261, 84.2829



77.0830, 83.6261, 85.7098



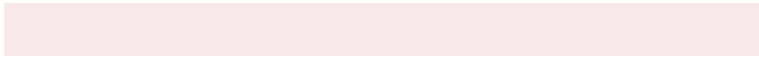
77.5953, 83.6261, 98.1796

Rectangle

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



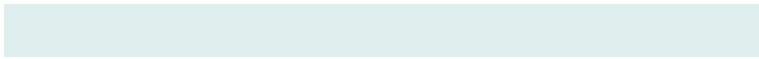
81.9345, 83.6261, 96.6171



82.5402, 83.6261, 89.2501



77.0830, 83.6261, 85.7098



76.5044, 83.6261, 92.8832

Sweetspot

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



81.9369, 83.6297, 96.6189



94.1481, 98.3354, 108.6262



79.2558, 82.7393, 96.5884



20.1611, 21.0654, 23.2534



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

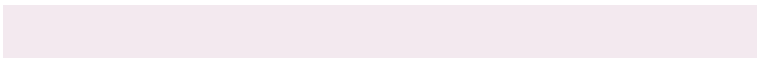
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9369, 83.6297, 96.6189



90.6488, 91.8921, 107.5670



81.7083, 83.5780, 93.6186



17.6535, 17.8025, 21.0484



24.9267, 11.8245, 47.5066



2.2371, 1.0631, 4.1775

Inverse Universe

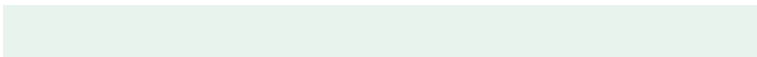
The Inverse Universe completely reimagines the original color for something new.



80.9553, 83.2768, 89.6534



89.3238, 91.4161, 98.1480



80.9195, 87.5317, 92.6267



17.3601, 17.6972, 18.9602



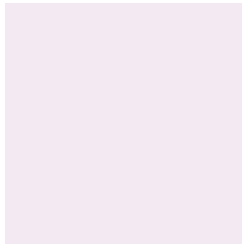
20.4005, 10.5036, 1.5516



1.8151, 0.9320, 0.2527

Previews

White Background



This preview shows how the XYZ color 81.9345, 83.6261, 96.6171 looks on a white background.

Color Contrast Check

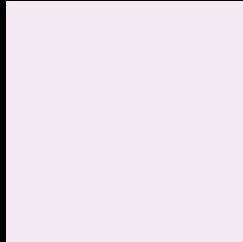
Large Text (above 18pt) WCAG AA × Fail

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 81.9345, 83.6261, 96.6171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

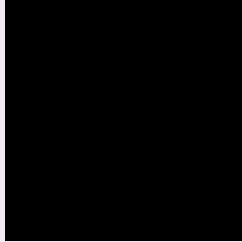
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

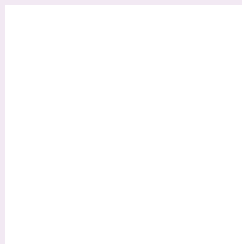
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9345, 83.6261, 96.6171

Background



This preview shows how black text looks on a background with the XYZ color 81.9345, 83.6261, 96.6171.



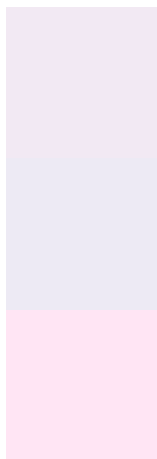
This preview shows how white text looks on a background with the XYZ color 81.9345, 83.6261,

96.671.

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

81.9345, 83.6261, 96.6171

Protanopia

80.6770, 83.3818, 97.4301

Deuteranopia

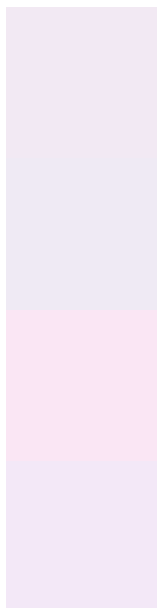
85.5884, 83.8303, 97.2578



Tritanopia

83.0741, 83.6700, 102.2139

Trichromacy



Original Color

81.9345, 83.6261, 96.6171

Protanomaly

81.3486, 83.7280, 97.4615

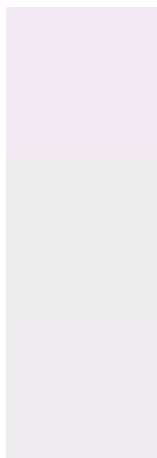
Deuteranomaly

84.0503, 83.4493, 97.2653

Tritanomaly

82.6073, 83.4833, 99.7557

Monochromacy



Original Color

81.9345, 83.6261, 96.6171

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.1720, 84.5736, 93.7075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9345, 83.6261, 96.6171 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(242, 233, 243) looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 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(242, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.9345, 83.6261, 96.6171 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(242, 233, 243) }
```


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

```
.border{ border-color:rgb(242, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9345, 83.6261, 96.6171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 243) }
```

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

```
.background{ background-color: rgb(242,  
233, 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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