

Converting Colors

XYZ(80.4285, 83.6245, 99.8978)

Have a look what the booklet for
XYZ(80.4285, 83.6245, 99.8978)
contains.

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Color

**XYZ(80.4285, 83.6245,
99.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEBF7
RGB	234, 235, 247
RGB Percent	92%, 92%, 97%
CMY	0.0823, 0.0784, 0.0314
CMYK	0.05, 0.05, 0.00, 0.03
HSL	235°, 45%, 94%
HSV	235°, 5%, 97%
XYZ	80.4285, 83.6245, 99.8978
YIQ	236.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

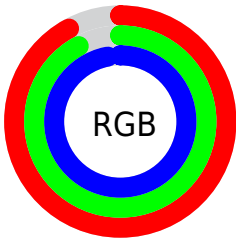
Format	Color
RYB	234, 235, 247
Decimal	15395831
CIELab	93.29, 1.86, -5.91
CIELCh	93, 6.200, 287.471
Yxy	83.6245, 0.3047, 0.3168
Android (android.graphics.Color)	4293585911 (0xFFEAEBF7)
YUV	236.0690, 5.3890, -1.8145
Hunter-Lab	91.4464, -3.0378, -0.7570

Details

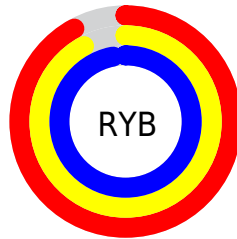
The XYZ color **80.4285, 83.6245, 99.8978** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1650, 91.6253, 90.9873**, and the grayscale version is **79.7462, 83.8992, 91.3662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8842, 45.4668, 55.7532** is the 20% darker color. If you saturate the color by 10%, you get **66.7653, 67.5082, 97.5084**, and if you desaturate by 10%, it is **93.7887, 99.4955, 102.2583**.

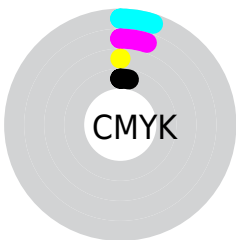
Distribution



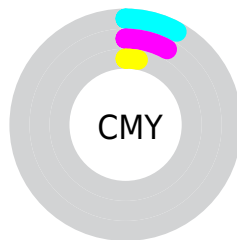
- Red (92%)
- Green (92%)
- Blue (97%)



- Red (92%)
- Yellow (92%)
- Blue (97%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.4285, 83.6245, 99.8978 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 80.4285, 83.6245, 99.8978 by changing the saturation by 10% instead.

80.4285, 83.6245,
99.8978

80.4285, 83.6245,
99.8978

485.0903,
507.0655, 581.1088

60.3807, 62.7055,
75.5988

132.9154,
138.4498, 163.0674

43.9762, 45.6030,
55.5989

166.0852,
173.1248, 202.7750

30.8496, 31.9326,
39.4796

204.3597,
213.1540, 248.4560

20.6356, 21.3100,
26.8223

248.1042,
258.9217, 300.5287

12.9689, 13.3508,
17.2086

297.6842,
310.8123, 359.4118

7.4840, 7.6706,
10.2198

353.4650,

3.8156, 3.8849,

369.2102, 425.5239

5.4374

415.8119,
434.4998, 499.2834

■ 1.5983, 1.6094,
2.4429

■ 0.3913, 0.3639,
0.8097

■ 80.4285, 83.6245,
99.8978

■ 80.4285, 83.6245,
99.8978

■ 66.7653, 67.5082,
97.5084

■ 93.7887, 99.4955,
102.2583

■ 54.9883, 53.5563,
95.4362

■ 45.0167, 41.6798,
93.6693

■ 36.7609, 31.7793,
92.1935

■ 30.1240, 23.7474,
90.9930

■ 24.9991, 17.4663,
90.0507

■ 21.2665, 12.8049,
89.3477

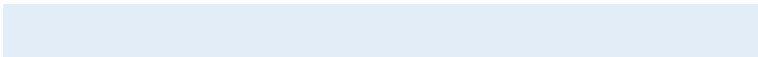
■ 18.7881, 9.6133,
88.8623

■ 17.3972, 7.7135,
88.5689

Harmonies

Analogous

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



78.8038, 83.6245, 100.1114



80.4285, 83.6245, 99.8978



81.8178, 83.6245, 97.2643

Triad

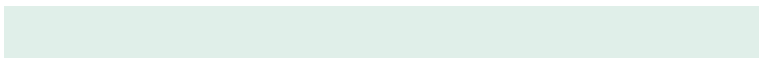
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4285, 83.6245, 99.8978



81.6228, 83.6245, 84.5888



76.4583, 83.6245, 89.1171

Complementary

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



80.4285, 83.6245, 99.8978



86.1650, 91.6253, 90.9873

Split Complementary

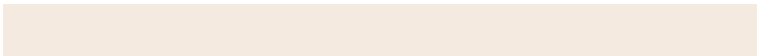
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1922, 83.6245, 85.1117



80.4285, 83.6245, 99.8978



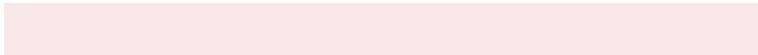
80.1653, 83.6245, 82.5580

Square

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



80.4285, 83.6245, 99.8978



82.5138, 83.6245, 88.3811



78.5441, 83.6245, 82.7461



76.5265, 83.6245, 93.7780

Rectangle

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



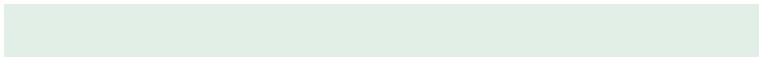
80.4285, 83.6245, 99.8978



82.4167, 83.6245, 94.5400



78.5441, 83.6245, 82.7461



76.6189, 83.6245, 87.6525

Sweetspot

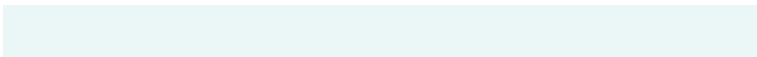
The Sweet Spot groups the original color and five complimentary colors.



80.4309, 83.6281, 99.8996



91.7155, 96.0795, 108.3190



83.8155, 90.6640, 100.2054



19.6658, 20.6060, 23.1908



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.



80.4309, 83.6281, 99.8996



85.3036, 88.5332, 107.2004



81.9501, 83.9858, 99.8886



16.5284, 17.1275, 20.9774



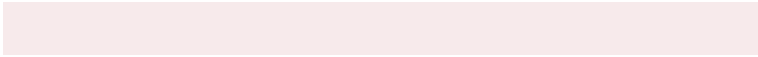
9.0410, 3.8758, 46.8096



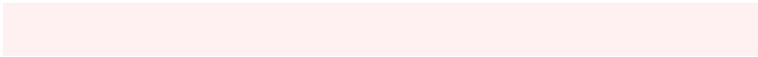
0.8295, 0.4105, 4.1257

Inverse Universe

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



82.7778, 84.6196, 90.5718



88.1713, 89.7475, 95.8021



84.5884, 91.2670, 91.0012



17.1466, 17.3898, 18.5201



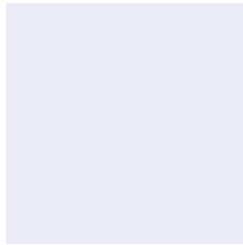
20.3680, 10.4906, 1.3803



1.8078, 0.9291, 0.2141

Previews

White Background



This preview shows how the XYZ color 80.4285, 83.6245, 99.8978 looks on a white background.

Color Contrast Check

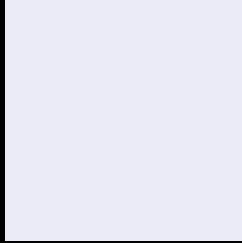
Large Text (above 18pt) WCAG AA × Fail

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 80.4285, 83.6245, 99.8978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

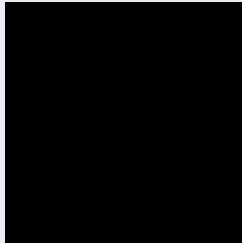
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

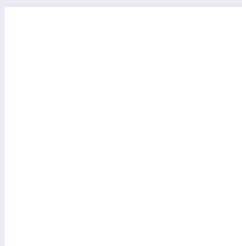
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.4285, 83.6245, 99.8978

Background



This preview shows how black text looks on a background with the XYZ color 80.4285, 83.6245, 99.8978.



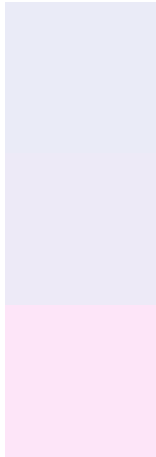
This preview shows how white text looks on a background with the XYZ color 80.4285, 83.6245,

99.8978.

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

80.4285, 83.6245, 99.8978

Protanopia

81.1364, 83.5656, 99.8491

Deuteranopia

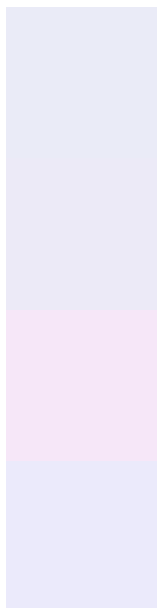
85.4706, 83.6986, 100.4576



Tritanopia

81.4134, 83.5997, 104.7739

Trichromacy



Original Color

80.4285, 83.6245, 99.8978

Protanomaly

80.8034, 83.3939, 99.8335

Deuteranomaly

83.5252, 83.5220, 100.5260

Tritanomaly

81.0964, 83.4728, 103.1044

Monochromacy



Original Color

80.4285, 83.6245, 99.8978

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9846, 83.9443, 94.4253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4285, 83.6245, 99.8978 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(234, 235, 247) looks like.

```
.text, #text, p{  
    color:rgb(234, 235, 247)  
}
```

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(234, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 235, 247) }
```

Border

The CSS property to change the border of an element to XYZ 80.4285, 83.6245, 99.8978 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(234, 235, 247) }
```


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

```
.border{ border-color:rgb(234, 235, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 235, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(234, 235,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4285, 83.6245, 99.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 235, 247) }
```

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

```
.background{ background-color: rgb(234,  
235, 247) }
```

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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