

Converting Colors

XYZ(79.0410, 81.0764, 94.1719)

Have a look what the booklet for
XYZ(79.0410, 81.0764, 94.1719)
contains.

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Color

**XYZ(78.9500, 80.8894,
93.8902)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6F0
RGB	237, 230, 240
RGB Percent	93%, 90%, 94%
CMY	0.0706, 0.0980, 0.0588
CMYK	0.01, 0.04, 0.00, 0.06
HSL	282°, 25%, 92%
HSV	282°, 4%, 94%
XYZ	78.9500, 80.8894, 93.8902
YIQ	233.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

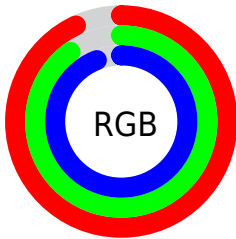
Format	Color
R _Y B	237, 230, 240
Decimal	15591152
CIE Lab	92.08, 4.14, -4.01
CIE LCh	92, 5.765, 315.871
Yxy	80.8894, 0.3112, 0.3188
Android (android.graphics.Color)	4293781232 (0xFFEDE6F0)
YUV	233.2330, 3.3361, 3.3037
Hunter-Lab	89.9385, -0.7013, 1.0619

Details

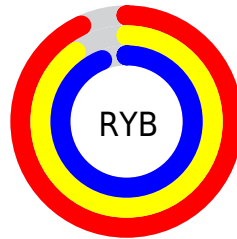
The XYZ color **78.9500, 80.8894, 93.8902** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.0504, 85.3592, 87.1766**, and the grayscale version is **77.6047, 81.6462, 88.9127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0378, 43.9444, 51.5612** is the 20% darker color. If you saturate the color by 10%, you get **70.3695, 67.2262, 91.7064**, and if you desaturate by 10%, it is **88.5513, 96.4483, 96.3886**.

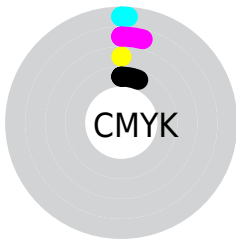
Distribution



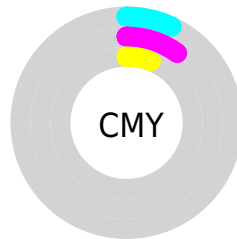
- Red (93%)
- Green (90%)
- Blue (94%)



- Red (93%)
- Yellow (90%)
- Blue (94%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9500, 80.8894, 93.8902 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 78.9500, 80.8894, 93.8902 by changing the saturation by 10% instead.

78.9500, 80.8894,
93.8902

78.9500, 80.8894,
93.8902

480.1778,
497.9251, 561.4993

59.1602, 60.4505,
70.6199

130.8468,
134.6155, 154.7128

42.9889, 43.7819,
51.5521

163.6844,
168.6714, 193.1022

30.0709, 30.4991,
36.2684

201.6021,
208.0352, 237.3683

20.0408, 20.2177,
24.3502

244.9651,
253.0912, 287.9298

12.5331, 12.5534,
15.3790

294.1388,
304.2238, 345.2050

7.1826, 7.1217,
8.9363

349.4886,

3.6239, 3.5383,

361.8174, 409.6127

4.6034

411.3798,
426.2564, 481.5712

■ 1.4917, 1.4188,
1.9619

■ 0.3201, 0.2305,
0.5317

■ 78.9500, 80.8894,
93.8902

■ 78.9500, 80.8894,
93.8902

■ 70.3695, 67.2262,
91.7064

■ 88.5513, 96.4483,
96.3886

■ 62.7643, 55.3732,
89.8194

■ 91.4191, 98.3964,
96.6134

■ 56.0957, 45.2533,
88.2175

■ 92.7284, 99.0714,
96.6747

■ 50.3198, 36.7802,
86.8865

■ 45.3884, 29.8598,
85.8106

■ 41.2490, 24.3883,
84.9727

■ 37.8421, 20.2489,
84.3532

■ 35.0992, 17.3065,
83.9299

■ 32.9368, 15.3958,
83.6750

Harmonies

Analogous

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



77.6662, 80.8894, 96.1743



78.9500, 80.8894, 93.8902



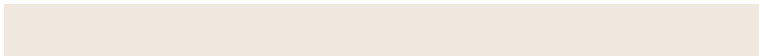
79.6843, 80.8894, 90.0854

Triad

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



78.9500, 80.8894, 93.8902



77.5818, 80.8894, 80.3828



74.1699, 80.8894, 90.3293

Complementary

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



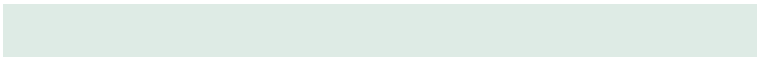
78.9500, 80.8894, 93.8902



79.0504, 85.3592, 87.1766

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.



74.1480, 80.8894, 86.0943



78.9500, 80.8894, 93.8902



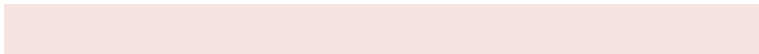
76.1050, 80.8894, 80.4434

Square

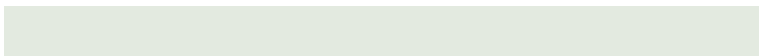
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9500, 80.8894, 93.8902



78.8876, 80.8894, 82.3365



74.8523, 80.8894, 82.5046



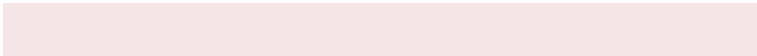
74.9126, 80.8894, 94.0737

Rectangle

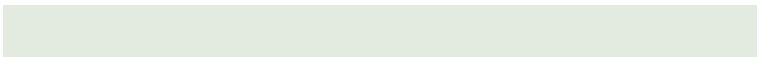
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9500, 80.8894, 93.8902



79.7575, 80.8894, 87.2413



74.8523, 80.8894, 82.5046



74.0783, 80.8894, 88.9136

Sweetspot

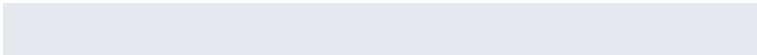
The Sweet Spot groups the original color and five complimentary colors.



78.9523, 80.8929, 93.8920



93.9609, 98.2389, 108.6175



77.5507, 81.4900, 94.0811



20.1230, 21.0457, 23.2516



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.



78.9523, 80.8929, 93.8920



89.7227, 91.4146, 107.5236



79.6915, 81.3053, 92.5124



16.6776, 16.9167, 20.1079



17.5868, 8.0717, 45.7589



1.5629, 0.7230, 3.8114

Inverse Universe

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



78.9429, 81.0058, 88.5700



89.7129, 91.5717, 100.1972



78.3380, 84.9620, 88.4939



16.6761, 16.9503, 18.5574



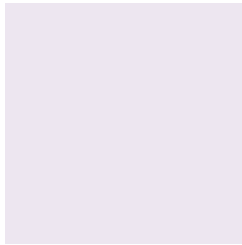
20.3635, 10.4178, 4.5650



1.7364, 0.8836, 0.6027

Previews

White Background



This preview shows how the XYZ color 78.9500, 80.8894, 93.8902 looks on a white background.

Color Contrast Check

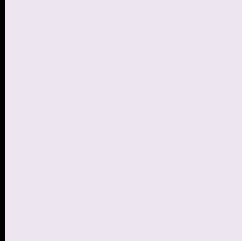
Large Text (above 18pt) WCAG AA × Fail

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 78.9500, 80.8894, 93.8902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

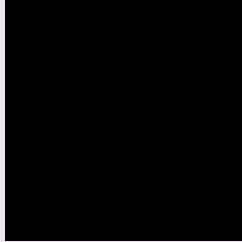
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

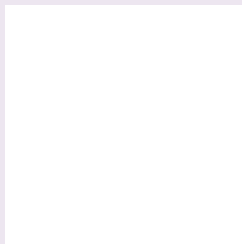
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9500, 80.8894, 93.8902

Background



This preview shows how black text looks on a background with the XYZ color 78.9500, 80.8894, 93.8902.



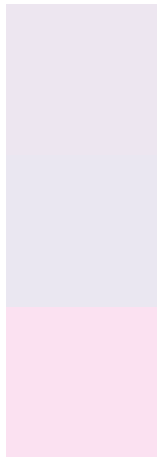
This preview shows how white text looks on a background with the XYZ color 78.9500, 80.8894,

93.8902.

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

78.9500, 80.8894, 93.8902

Protanopia

78.3848, 80.9951, 94.7214

Deuteranopia

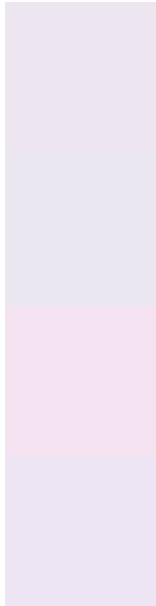
82.5861, 80.7105, 94.4450



Tritanopia

80.0677, 80.9312, 99.3969

Trichromacy



Original Color

78.9500, 80.8894, 93.8902

Protanomaly

78.7140, 81.1649, 94.7368

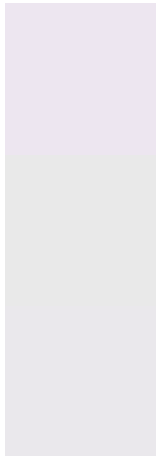
Deuteranomaly

81.3523, 80.8819, 94.5431

Tritanomaly

79.6083, 80.7474, 96.9780

Monochromacy



Original Color

78.9500, 80.8894, 93.8902

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9286, 81.2618, 90.9347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9500, 80.8894, 93.8902 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(237, 230, 240) looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 240)  
}
```

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(237, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.9500, 80.8894, 93.8902 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(237, 230, 240) }
```


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

```
.border{ border-color:rgb(237, 230, 240) }
```

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

Here you see how a box with a 4 pixel rgb(237, 230, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9500, 80.8894, 93.8902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 240) }
```

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

```
.background{ background-color: rgb(237,  
230, 240) }
```

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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