

Converting Colors

XYZ(79.9008, 81.7732, 84.6058)

Have a look what the booklet for
XYZ(79.9008, 81.7732, 84.6058)
contains.

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Color

**XYZ(79.8181, 81.5522,
84.2073)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E6E3
RGB	245, 230, 227
RGB Percent	96%, 90%, 89%
CMY	0.0392, 0.0980, 0.1098
CMYK	0.00, 0.06, 0.07, 0.04
HSL	10°, 47%, 93%
HSV	10°, 7%, 96%
XYZ	79.8181, 81.5522, 84.2073
YIQ	234.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

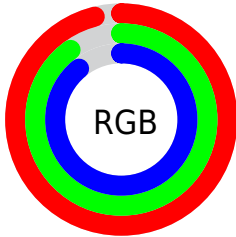
Format	Color
R _Y B	245, 231, 227
Decimal	16115427
CIE Lab	92.38, 4.59, 3.28
CIE LCh	92, 5.636, 35.543
Yxy	81.5522, 0.3250, 0.3321
Android (android.graphics.Color)	4294305507 (0xFF5E6E3)
YUV	234.1430, -3.5215, 9.5216
Hunter-Lab	90.3063, -0.2669, 7.9286

Details

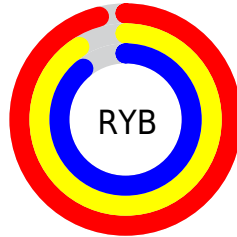
The XYZ color **79.8181, 81.5522, 84.2073** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9118, 86.4260, 98.8571**, and the grayscale version is **78.3375, 82.4172, 89.7523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7626, 44.4573, 45.3043** is the 20% darker color. If you saturate the color by 10%, you get **71.3235, 69.5944, 65.8628**, and if you desaturate by 10%, it is **89.4636, 95.0398, 105.3113**.

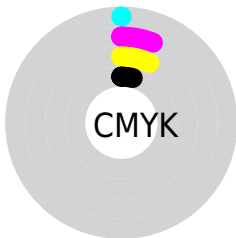
Distribution



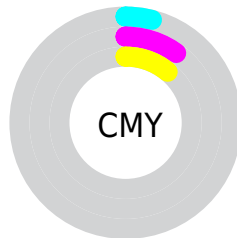
- Red (96%)
- Green (90%)
- Blue (89%)



- Red (96%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8181, 81.5522, 84.2073 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 79.8181, 81.5522, 84.2073 by changing the saturation by 10% instead.


 79.8181, 81.5522,
84.2073

 79.8181, 81.5522,
84.2073

483.0655,
500.1486, 529.0774

 59.8766, 60.9965,
62.6402


132.0618,
135.5459, 141.1294

 43.5683, 44.2223,
45.1111


165.0948,
169.7526, 177.3216

 30.5277, 30.8453,
31.2013


203.2223,
209.2785, 219.2258

 20.3895, 20.4811,
20.4925

246.8097,
254.5079, 267.2607

 12.7884, 12.7452,
12.5659

296.2224,
305.8252, 321.8447

 7.3590, 7.2534,
7.0031

351.8257,

 3.7359, 3.6210,

363.6148, 383.3965

3.3856

413.9849,
428.2611, 452.3346

■ 1.5539, 1.4639,
1.2947

■ 0.3620, 0.2631,
0.0575

■ 79.8181, 81.5522,
84.2073

■ 79.8181, 81.5522,
84.2073

■ 71.3235, 69.5944,
65.8628

■ 89.4636, 95.0398,
105.3113

■ 63.9299, 59.1018,
50.1585

■ 91.4665, 98.1527,
108.7323

■ 57.5938, 50.0211,
36.9740

■ 52.2661, 42.2917,
26.1777

■ 47.8938, 35.8484,
17.6257

■ 44.4190, 30.6207,
11.1589

■ 41.7771, 26.5310,
6.5968

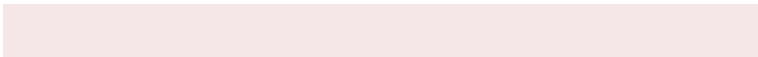
■ 39.8945, 23.4928,
3.7283

■ 38.6813, 21.4052,
2.2796

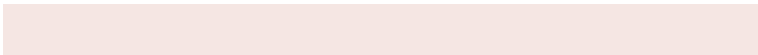
Harmonies

Analogous

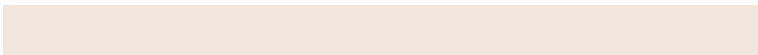
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3389, 81.5522, 88.0226



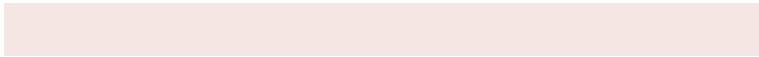
79.8181, 81.5522, 84.2073



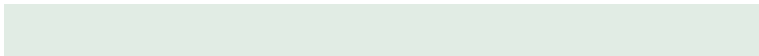
78.6802, 81.5522, 81.6818

Triad

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



79.8181, 81.5522, 84.2073



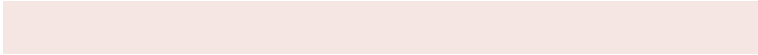
74.9872, 81.5522, 85.5115



77.7842, 81.5522, 97.0359

Complementary

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



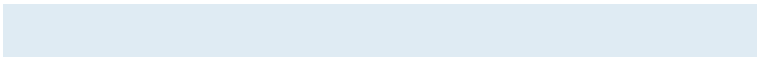
79.8181, 81.5522, 84.2073



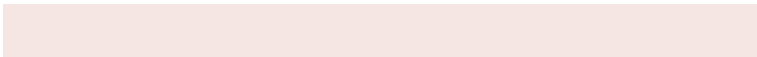
79.9118, 86.4260, 98.8571

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.



76.3573, 81.5522, 96.3127



79.8181, 81.5522, 84.2073



74.7540, 81.5522, 89.5749

Square

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



79.8181, 81.5522, 84.2073



75.8935, 81.5522, 82.4181



75.2526, 81.5522, 93.5494



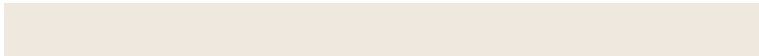
79.1552, 81.5522, 95.4957

Rectangle

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



79.8181, 81.5522, 84.2073



77.7311, 81.5522, 81.0247



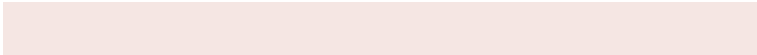
75.2526, 81.5522, 93.5494



77.2951, 81.5522, 97.0500

Sweetspot

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



79.8204, 81.5558, 84.2091



92.8992, 96.9949, 104.1859



81.1532, 80.7626, 95.3168



19.9068, 20.7924, 22.3494



0.0000, 0.0000, 0.0000



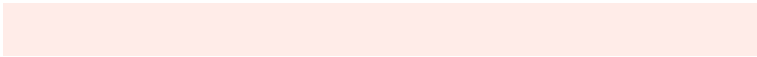
20.3446, 21.4041, 23.3091

Same Dimension

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



79.8204, 81.5558, 84.2091



85.7737, 87.0113, 88.6553



82.3888, 86.6925, 85.0652



16.7226, 16.9293, 17.1839



20.7780, 11.4416, 1.1133



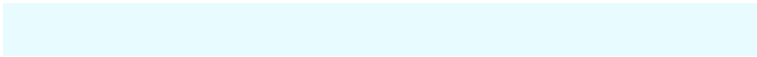
1.8892, 1.1317, 0.1189

Inverse Universe

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



79.9118, 86.4260, 98.8571



85.8950, 93.4843, 108.1249



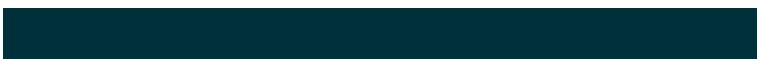
77.3000, 81.2024, 97.9865



16.7475, 18.2593, 21.1843



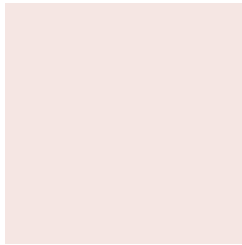
20.6133, 27.0204, 50.6670



1.8728, 2.4971, 4.4735

Previews

White Background



This preview shows how the XYZ color 79.8181, 81.5522, 84.2073 looks on a white background.

Color Contrast Check

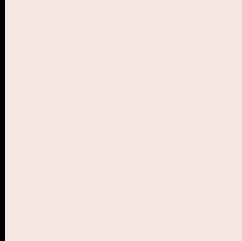
Large Text (above 18pt) WCAG AA × Fail

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 79.8181, 81.5522, 84.2073 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

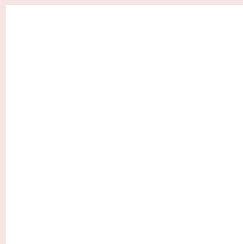
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8181, 81.5522, 84.2073

Background



This preview shows how black text looks on a background with the XYZ color 79.8181, 81.5522, 84.2073.

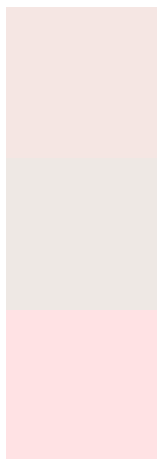


This preview shows how white text looks on a background with the XYZ color 79.8181, 81.5522,

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

79.8181, 81.5522, 84.2073

Protanopia

78.1201, 81.4918, 85.0109

Deuteranopia

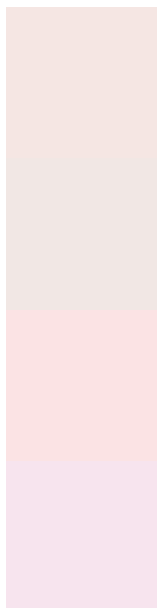
82.4399, 81.2541, 84.7374



Tritanopia

82.6619, 81.4872, 97.7581

Trichromacy



Original Color

79.8181, 81.5522, 84.2073

Protanomaly

78.8551, 81.4540, 84.9649

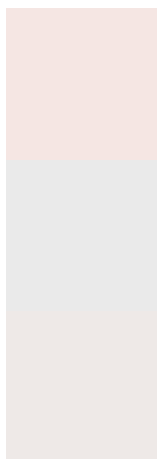
Deuteranomaly

81.2563, 81.0488, 84.7601

Tritanomaly

81.5338, 81.4340, 92.3100

Monochromacy



Original Color

79.8181, 81.5522, 84.2073

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8226, 82.2245, 87.3178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8181, 81.5522, 84.2073 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(245, 230, 227) looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 227)  
}
```

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(245, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.8181, 81.5522, 84.2073 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(245, 230, 227) }
```


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

```
.border{ border-color:rgb(245, 230, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8181, 81.5522, 84.2073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 227) }
```

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

```
.background{ background-color: rgb(245,  
230, 227) }
```

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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