

Converting Colors

XYZ(79.8235, 81.1917, 85.7431)

Have a look what the booklet for
XYZ(79.8235, 81.1917, 85.7431)
contains.

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Color

**XYZ(79.8184, 81.1082,
85.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E5E5
RGB	245, 229, 229
RGB Percent	96%, 90%, 90%
CMY	0.0392, 0.1019, 0.1020
CMYK	0.00, 0.07, 0.07, 0.04
HSL	0°, 44%, 93%
HSV	0°, 7%, 96%
XYZ	79.8184, 81.1082, 85.5773
YIQ	233.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

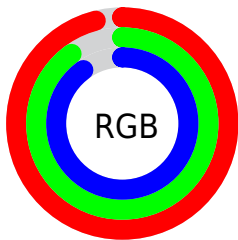
Format	Color
R _Y B	245, 229, 229
Decimal	16115173
CIE Lab	92.18, 5.44, 1.95
CIE LCh	92, 5.773, 19.700
Yxy	81.1082, 0.3238, 0.3290
Android (android.graphics.Color)	4294305253 (0xFF5E5E5E)
YUV	233.7840, -2.3585, 9.8364
Hunter-Lab	90.0601, 0.5957, 6.7033

Details

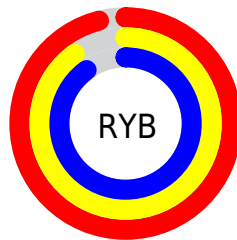
The XYZ color **79.8184, 81.1082, 85.5773** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4469, 88.5542, 99.1874**, and the grayscale version is **78.0575, 82.1226, 89.4315**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7623, 44.1469, 46.2591** is the 20% darker color. If you saturate the color by 10%, you get **70.3308, 67.2259, 66.7116**, and if you desaturate by 10%, it is **90.7496, 97.1030, 107.3079**.

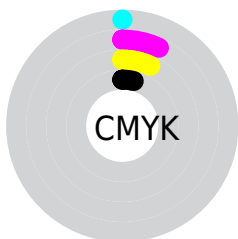
Distribution



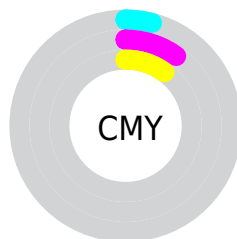
- Red (96%)
- Green (90%)
- Blue (90%)



- Red (96%)
- Yellow (90%)
- Blue (90%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8184, 81.1082, 85.5773 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 79.8184, 81.1082, 85.5773 by changing the saturation by 10% instead.


 79.8184, 81.1082,
85.5773

 79.8184, 81.1082,
85.5773

483.0665,
498.6597, 533.7307

 59.8769, 60.6307,
63.7656


132.0622,
134.9227, 143.0608

 43.5685, 43.9272,
46.0159

165.0953,
169.0285, 179.5697

 30.5279, 30.6133,
31.9096


203.2229,
208.4458, 221.8147

 20.3897, 20.3046,
21.0282

246.8104,
253.5591, 270.2144

 12.7885, 12.6166,
12.9532

296.2231,
304.7528, 325.1873

 7.3591, 7.1651,
7.2660

351.8265,

 3.7360, 3.5656,

362.4112, 387.1519

3.5480

413.9858,
426.9187, 456.5269

■ 1.5539, 1.4336,
1.3808

■ 0.3621, 0.2413,
0.1267

■ 79.8184, 81.1082,
85.5773

■ 79.8184, 81.1082,
85.5773

■ 70.3308, 67.2259,
66.7116

■ 90.7496, 97.1030,
107.3079

■ 62.2199, 55.3578,
50.5865

■ 91.4667, 98.1527,
108.7323

■ 55.4240, 45.4137,
37.0760

■ 49.8739, 37.2921,
26.0425

■ 45.4938, 30.8827,
17.3358

■ 42.2002, 26.0629,
10.7892

■ 39.8982, 22.6939,
6.2142

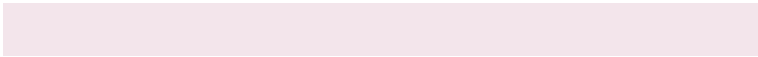
■ 38.4766, 20.6133,
3.3897

■ 37.7962, 19.6172,
2.0385

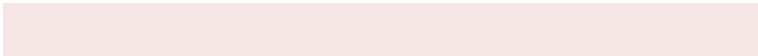
Harmonies

Analogous

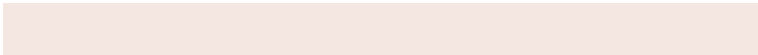
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9428, 81.1082, 89.7875



79.8184, 81.1082, 85.5773



78.9579, 81.1082, 82.2049

Triad

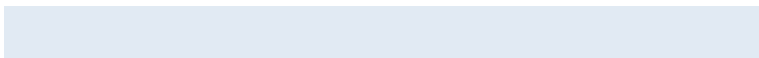
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8184, 81.1082, 85.5773



74.9275, 81.1082, 83.1142



76.5800, 81.1082, 96.6301

Complementary

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



79.8184, 81.1082, 85.5773



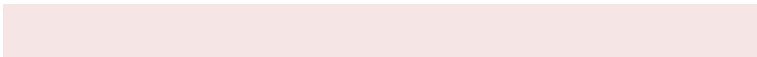
81.4469, 88.5542, 99.1874

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.



75.2536, 81.1082, 94.7165



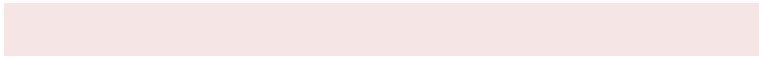
79.8184, 81.1082, 85.5773



74.3077, 81.1082, 86.8548

Square

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



79.8184, 81.1082, 85.5773



76.1297, 81.1082, 80.8149



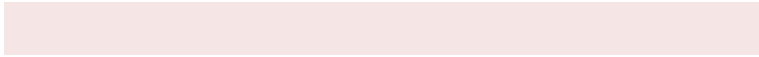
74.4263, 81.1082, 91.1065



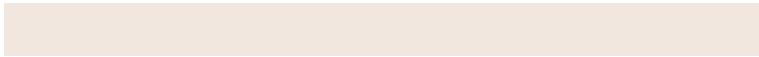
78.0602, 81.1082, 96.2612

Rectangle

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



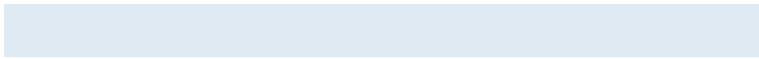
79.8184, 81.1082, 85.5773



78.0887, 81.1082, 80.8426



74.4263, 81.1082, 91.1065



76.1017, 81.1082, 96.2301

Sweetspot

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



79.8207, 81.1117, 85.5790



92.6346, 96.4657, 104.0977



82.1581, 82.0449, 97.8935



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



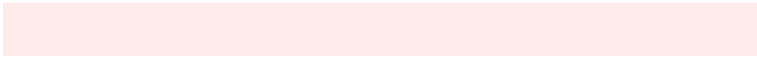
20.3446, 21.4041, 23.3091

Same Dimension

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



79.8207, 81.1117, 85.5790



85.7731, 86.4259, 90.4557



82.0844, 85.6393, 86.3336



16.4995, 16.4832, 17.1095



20.2867, 10.4589, 0.9495



1.7831, 0.9195, 0.0835

Inverse Universe

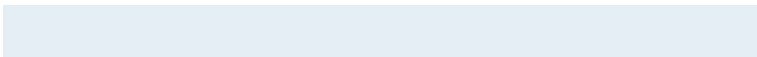
The Inverse Universe completely reimagines the original color for something new.



81.4469, 88.5542, 99.1874



87.9374, 96.3308, 108.5667



79.0799, 83.8202, 98.3984



16.9964, 18.7571, 21.2672



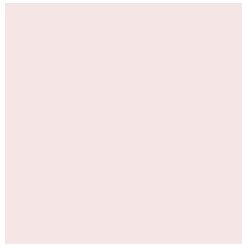
26.4594, 38.7126, 52.6157



2.3256, 3.4027, 4.6244

Previews

White Background



This preview shows how the XYZ color 79.8184, 81.1082, 85.5773 looks on a white background.

Color Contrast Check

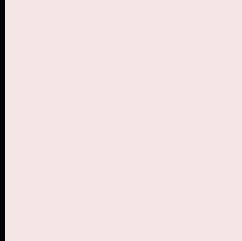
Large Text (above 18pt) WCAG AA × Fail

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 79.8184, 81.1082, 85.5773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

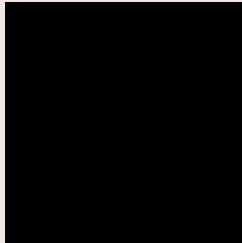
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

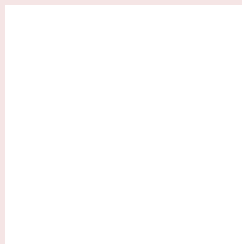
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8184, 81.1082, 85.5773

Background



This preview shows how black text looks on a background with the XYZ color 79.8184, 81.1082, 85.5773.



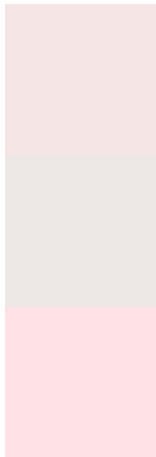
This preview shows how white text looks on a background with the XYZ color 79.8184, 81.1082,

85.5773.

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

79.8184, 81.1082, 85.5773

Protanopia

77.7839, 80.8695, 86.3726

Deuteranopia

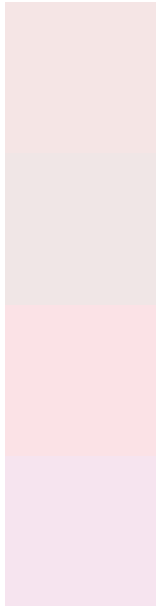
82.4481, 80.8236, 86.1179



Tritanopia

82.1560, 81.2440, 96.9395

Trichromacy



Original Color

79.8184, 81.1082, 85.5773

Protanomaly

78.5149, 80.8321, 86.3269

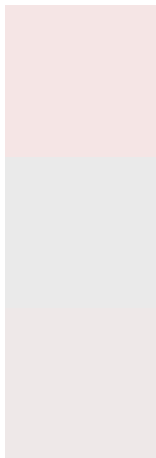
Deuteranomaly

81.2629, 80.6151, 86.1402

Tritanomaly

81.3294, 81.3116, 93.0695

Monochromacy



Original Color

79.8184, 81.1082, 85.5773

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.6820, 81.7166, 87.9698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8184, 81.1082, 85.5773 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, 229, 229) looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 229)  
}
```

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, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 229) }
```

Border

The CSS property to change the border of an element to XYZ 79.8184, 81.1082, 85.5773 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, 229, 229) }
```


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

```
.border{ border-color:rgb(245, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8184, 81.1082, 85.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 229) }
```

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

```
.background{ background-color: rgb(245,  
229, 229) }
```

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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