

Converting Colors

XYZ(79.0765, 83.1784, 87.4897)

Have a look what the booklet for
XYZ(79.0765, 83.1784, 87.4897)
contains.

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Color

**XYZ(79.0572, 83.1907,
87.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEBE7
RGB	237, 235, 231
RGB Percent	93%, 92%, 91%
CMY	0.0706, 0.0784, 0.0941
CMYK	0.00, 0.01, 0.03, 0.07
HSL	40°, 14%, 92%
HSV	40°, 3%, 93%
XYZ	79.0572, 83.1907, 87.4920
YIQ	235.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

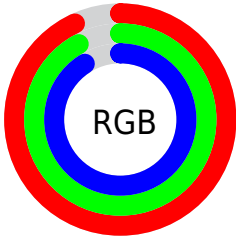
Format	Color
RYB	234, 237, 231
Decimal	15592423
CIELab	93.10, -0.03, 2.16
CIELCh	93, 2.163, 90.686
Yxy	83.1907, 0.3166, 0.3331
Android (android.graphics.Color)	4293782503 (0xFFEDEBE7)
YUV	235.1420, -2.0420, 1.6295
Hunter-Lab	91.2089, -4.8971, 6.9724

Details

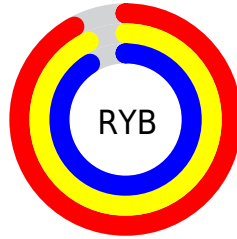
The XYZ color **79.0572, 83.1907, 87.4920** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3800, 81.3802, 91.7515**, and the grayscale version is **79.0895, 83.2083, 90.6139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9140, 45.1591, 47.0122** is the 20% darker color. If you saturate the color by 10%, you get **73.7274, 77.5294, 70.3038**, and if you desaturate by 10%, it is **84.9451, 89.2407, 107.1044**.

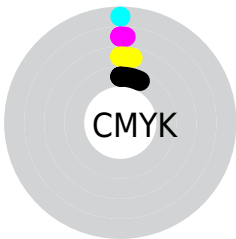
Distribution



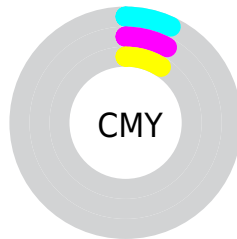
- Red (93%)
- Green (92%)
- Blue (91%)



- Red (92%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0572, 83.1907, 87.4920 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 79.0572, 83.1907, 87.4920 by changing the saturation by 10% instead.

■ 79.0572, 83.1907,
87.4920

■ 79.0572, 83.1907,
87.4920

480.5349,
505.6219, 540.1963

■ 59.2486, 62.3475,
65.3405

130.9969,
137.8425, 145.7546

■ 43.0604, 45.3135,
47.2841

163.8587,
172.4199, 182.7028

■ 30.1273, 31.7045,
32.9044

201.8023,
212.3441, 225.4203

■ 20.0838, 21.1359,
21.7827

245.1931,
257.9996, 274.3257

■ 12.5646, 13.2233,
13.5005

294.3964,
309.7707, 329.8374

■ 7.2043, 7.5825,
7.6393

349.7776,

■ 3.6377, 3.8290,

368.0419, 392.3741

3.7806

411.7019,
433.1975, 462.3542

■ 1.4993, 1.5784,
1.5058

■ 0.3253, 0.3430,
0.2222

■ 79.0572, 83.1907,
87.4920

■ 79.0572, 83.1907,
87.4920

■ 73.7274, 77.5294,
70.3038

■ 84.9451, 89.2407,
107.1044

■ 68.9292, 72.2361,
55.4387

■ 87.4020, 94.0776,
108.1600

■ 64.6444, 67.3041,
42.7963

■ 88.7355, 96.7448,
108.6045

■ 60.8509, 62.7224,
32.2670

■ 57.5249, 58.4793,
23.7316

■ 54.6401, 54.5622,
17.0591

■ 52.1673, 50.9569,
12.1025

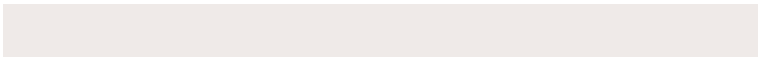
■ 50.0729, 47.6479,
8.6925

■ 48.3169, 44.6166,
6.6248

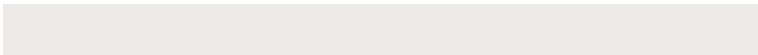
Harmonies

Analogous

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



79.6056, 83.1907, 87.8833



79.0572, 83.1907, 87.4920



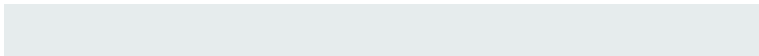
78.5148, 83.1907, 87.9200

Triad

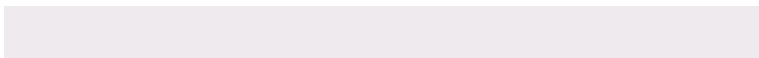
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0572, 83.1907, 87.4920



78.1357, 83.1907, 92.1845



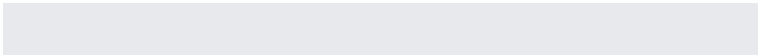
80.0254, 83.1907, 92.1189

Complementary

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



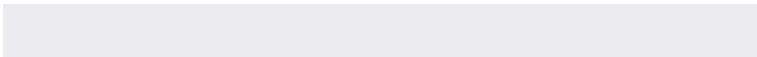
79.0572, 83.1907, 87.4920



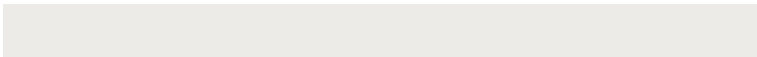
77.3800, 81.3802, 91.7515

Split Complementary

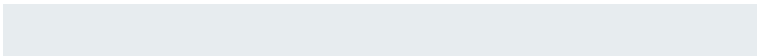
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6283, 83.1907, 93.2942



79.0572, 83.1907, 87.4920



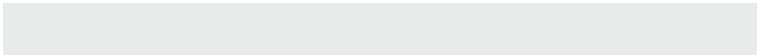
78.5373, 83.1907, 93.3324

Square

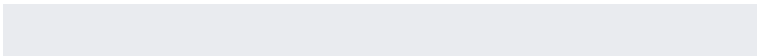
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



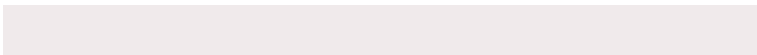
79.0572, 83.1907, 87.4920



77.9844, 83.1907, 90.6180



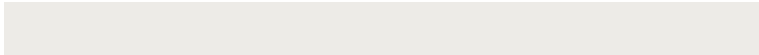
79.0833, 83.1907, 93.7409



80.1662, 83.1907, 90.5431

Rectangle

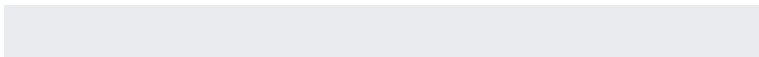
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



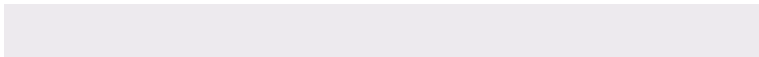
79.0572, 83.1907, 87.4920



78.2292, 83.1907, 88.6153



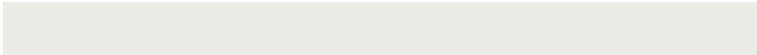
79.0833, 83.1907, 93.7409



79.9174, 83.1907, 92.5746

Sweetspot

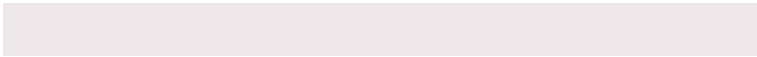
The Sweet Spot groups the original color and five complimentary colors.



79.0595, 83.1943, 87.4938



94.3721, 99.2968, 106.6620



78.2102, 81.0409, 88.6124



20.2067, 21.2610, 22.8537



0.0000, 0.0000, 0.0000



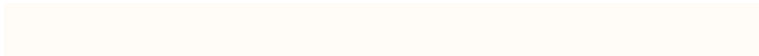
20.3446, 21.4041, 23.3091

Same Dimension

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



79.0595, 83.1943, 87.4938



93.0361, 97.9041, 102.2730



79.3012, 84.1720, 87.6698



16.5505, 17.4169, 17.9968



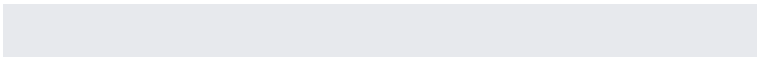
25.8837, 23.4617, 3.1643



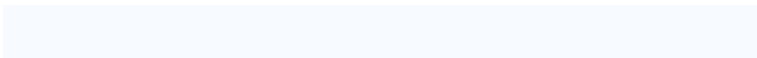
2.1202, 2.0177, 0.2777

Inverse Universe

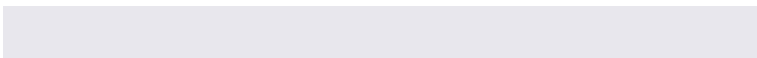
The Inverse Universe completely reimagines the original color for something new.



77.3800, 81.3802, 91.7515



90.6842, 95.3637, 108.2352



77.1419, 80.4234, 91.5793



16.0247, 16.8489, 19.3298



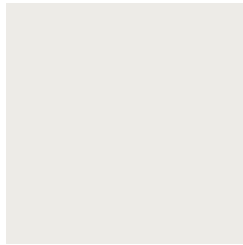
9.9734, 6.5937, 44.4900



0.8686, 0.6887, 3.5220

Previews

White Background



This preview shows how the XYZ color 79.0572, 83.1907, 87.4920 looks on a white background.

Color Contrast Check

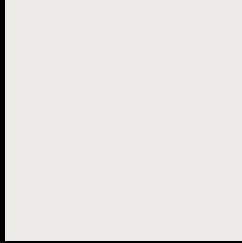
Large Text (above 18pt) WCAG AA × Fail

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 79.0572, 83.1907, 87.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

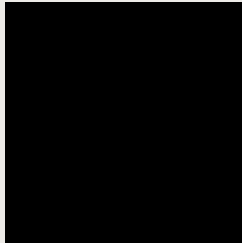
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

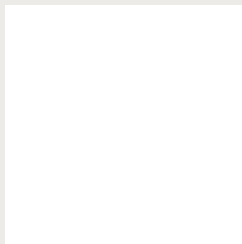
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0572, 83.1907, 87.4920

Background



This preview shows how black text looks on a background with the XYZ color 79.0572, 83.1907, 87.4920.



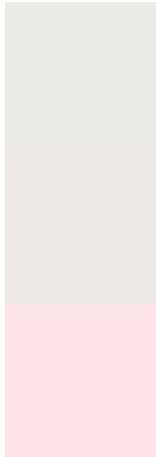
This preview shows how white text looks on a background with the XYZ color 79.0572, 83.1907,

87.4920.

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

79.0572, 83.1907, 87.4920

Protanopia

79.6409, 83.0841, 86.7022

Deuteranopia

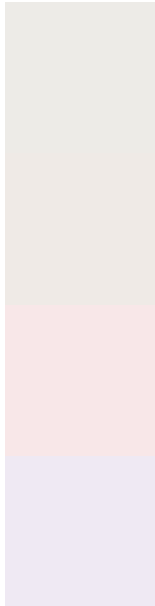
83.9673, 83.1818, 88.7209



Tritanopia

82.0471, 83.1406, 102.1659

Trichromacy



Original Color

79.0572, 83.1907, 87.4920

Protanomaly

79.3023, 82.9095, 86.6864

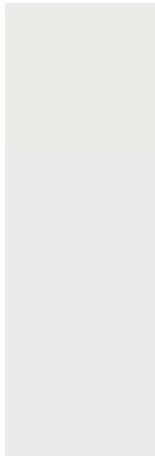
Deuteranomaly

81.8528, 82.9345, 88.0378

Tritanomaly

80.9132, 83.0996, 96.5693

Monochromacy



Original Color

79.0572, 83.1907, 87.4920

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1517, 83.1900, 89.7274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0572, 83.1907, 87.4920 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, 235, 231) looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 231)  
}
```

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, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.0572, 83.1907, 87.4920 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, 235, 231) }
```


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

```
.border{ border-color:rgb(237, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0572, 83.1907, 87.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 231) }
```

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

```
.background{ background-color: rgb(237,  
235, 231) }
```

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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