

Converting Colors

XYZ(79.8125, 84.4764, 88.7464)

Have a look what the booklet for
XYZ(79.8125, 84.4764, 88.7464)
contains.

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Color

**XYZ(79.7747, 84.3991,
88.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEDE8
RGB	237, 237, 232
RGB Percent	93%, 93%, 91%
CMY	0.0706, 0.0706, 0.0902
CMYK	0.00, 0.00, 0.02, 0.07
HSL	60°, 12%, 92%
HSV	60°, 2%, 93%
XYZ	79.7747, 84.3991, 88.4300
YIQ	236.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

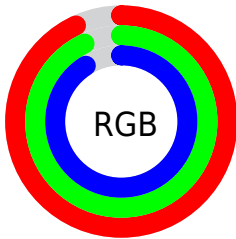
Format	Color
R _Y B	232, 237, 232
Decimal	15592936
CIE Lab	93.62, -0.87, 2.41
CIE LCh	94, 2.561, 109.949
Yxy	84.3991, 0.3158, 0.3341
Android (android.graphics.Color)	4293783016 (0xFFEDED8)
YUV	236.4300, -2.1840, 0.4999
Hunter-Lab	91.8690, -5.7697, 7.2377

Details

The XYZ color **79.7747, 84.3991, 88.4300** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.4247, 80.9858, 91.6763**, and the grayscale version is **80.0757, 84.2459, 91.7438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4164, 46.0061, 47.6661** is the 20% darker color. If you saturate the color by 10%, you get **76.6266, 83.1418, 71.8782**, and if you desaturate by 10%, it is **83.2683, 85.8000, 106.7801**.

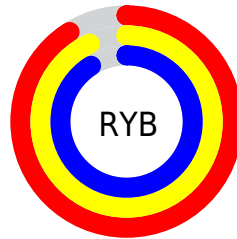
Distribution



Red (93%)

Green (93%)

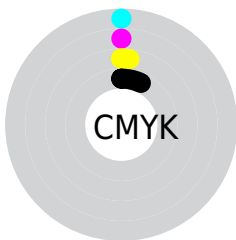
Blue (91%)



Red (91%)

Yellow (93%)

Blue (91%)

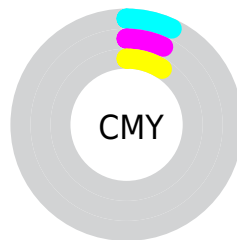


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7747, 84.3991, 88.4300 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 79.7747, 84.3991, 88.4300 by changing the saturation by 10% instead.

■ 79.7747, 84.3991,
88.4300

■ 79.7747, 84.3991,
88.4300

482.9213,
509.6376, 543.3481

■ 59.8408, 63.3450,
66.1129

132.0011,
139.5333, 147.0721

■ 43.5393, 46.1204,
47.9070

165.0243,
174.3822, 184.2341

■ 30.5048, 32.3408,
33.3938

203.1414,
214.5982, 227.1815

■ 20.3721, 21.6219,
22.1547

246.7176,
260.5656, 276.3328

■ 12.7756, 13.5794,
13.7712

296.1184,
312.6688, 332.1066

■ 7.3501, 7.8287,
7.8248

351.7090,

■ 3.7303, 3.9855,

371.2923, 394.9214

3.8969

413.8549,
436.8205, 465.1957

■ 1.5507, 1.6655,
1.5689

■ 0.3600, 0.4012,
0.2685

■ 79.7747, 84.3991,
88.4300

■ 79.7747, 84.3991,
88.4300

■ 76.6266, 83.1418,
71.8782

■ 83.2683, 85.8000,
106.7801

■ 73.9122, 82.0552,
57.6208


■ 83.2753, 85.8036,
106.7804


■ 71.6146, 81.1353,
45.5582


■ 83.2823, 85.8072,
106.7807


■ 69.7131, 80.3739,
35.5814


■ 83.2893, 85.8108,
106.7811


 68.1853, 79.7620,
27.5723


 83.2962, 85.8144,
106.7814

 67.0064, 79.2896,
21.4007


 83.3032, 85.8180,
106.7817


 66.1488, 78.9458,
16.9210

 83.3102, 85.8216,
106.7821

 65.5806, 78.7177,
13.9655

 83.3172, 85.8252,
106.7824

 65.2636, 78.5901,
12.3322

 83.3242, 85.8288,
106.7827

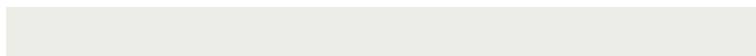
Harmonies

Analogous

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



80.4466, 84.3991, 88.2675



79.7747, 84.3991, 88.4300



79.2247, 84.3991, 89.5139

Triad

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



79.7747, 84.3991, 88.4300



79.3826, 84.3991, 94.7850



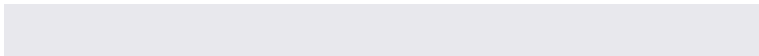
81.5098, 84.3991, 92.5497

Complementary

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



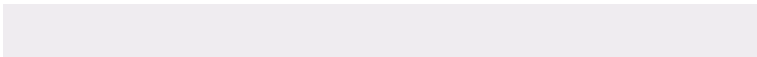
79.7747, 84.3991, 88.4300



77.4247, 80.9858, 91.6763

Split Complementary

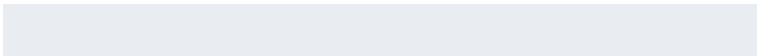
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2212, 84.3991, 94.3206



79.7747, 84.3991, 88.4300



79.9914, 84.3991, 95.6231

Square

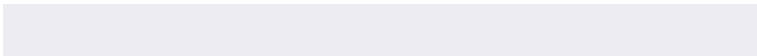
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



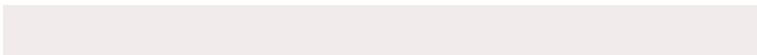
79.7747, 84.3991, 88.4300



78.9992, 84.3991, 93.1764



80.6646, 84.3991, 95.4520



81.4509, 84.3991, 90.6279

Rectangle

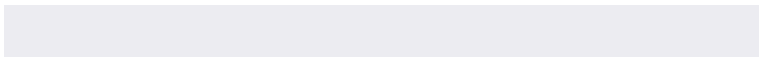
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



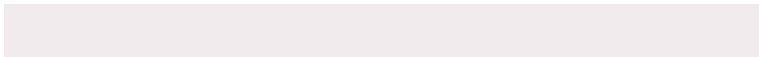
79.7747, 84.3991, 88.4300



79.0000, 84.3991, 90.6217



80.6646, 84.3991, 95.4520



81.4501, 84.3991, 93.1828

Sweetspot

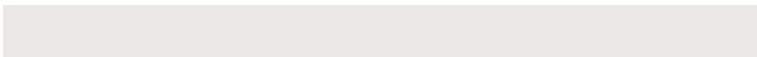
The Sweet Spot groups the original color and five complimentary colors.



79.7771, 84.4027, 88.4318



94.6413, 99.8364, 106.7520



78.3498, 81.5460, 87.9556



20.2614, 21.3708, 22.8720



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.



79.7771, 84.4027, 88.4318



93.8401, 99.5158, 102.5417



78.9489, 83.9758, 88.3931



16.7308, 17.7785, 18.0571



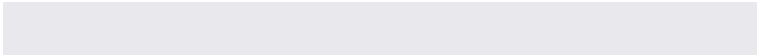
35.5644, 42.8786, 6.4020



2.7931, 3.3672, 0.5027

Inverse Universe

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



77.4247, 80.9858, 91.6763



89.9016, 93.7949, 107.9736



78.2413, 81.4067, 91.7145



15.8503, 16.4994, 19.2716



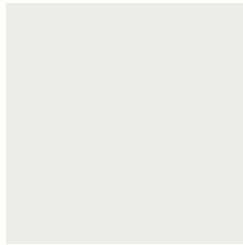
8.3476, 3.3393, 43.9475



0.6559, 0.2624, 3.4510

Previews

White Background



This preview shows how the XYZ color 79.7747, 84.3991, 88.4300 looks on a white background.

Color Contrast Check

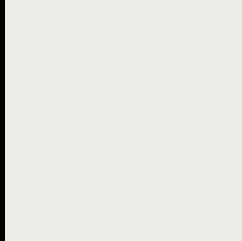
Large Text (above 18pt) WCAG AA × Fail

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 79.7747, 84.3991, 88.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

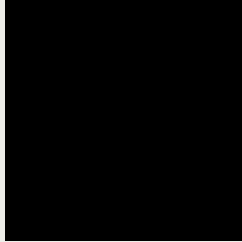
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

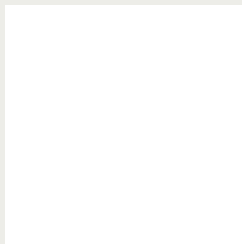
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7747, 84.3991, 88.4300

Background



This preview shows how black text looks on a background with the XYZ color 79.7747, 84.3991, 88.4300.



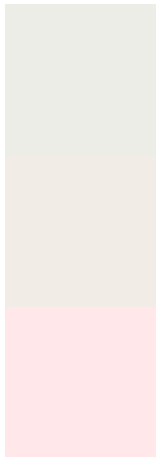
This preview shows how white text looks on a background with the XYZ color 79.7747, 84.3991,

88.4300.

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

79.7747, 84.3991, 88.4300

Protanopia

81.0372, 84.6377, 87.6669

Deuteranopia

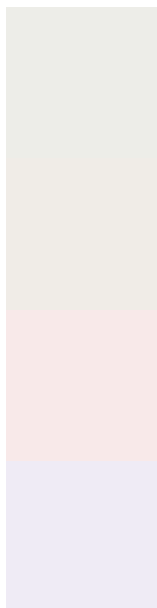
84.6672, 84.3523, 89.6611



Tritanopia

82.9287, 84.3992, 104.0153

Trichromacy



Original Color

79.7747, 84.3991, 88.4300

Protanomaly

80.3544, 84.2857, 87.6349

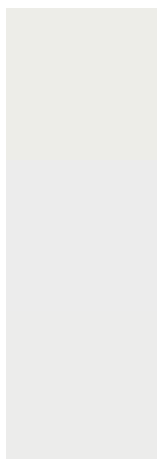
Deuteranomaly

82.5583, 84.1175, 88.9758

Tritanomaly

81.7864, 84.3600, 98.3587

Monochromacy



Original Color

79.7747, 84.3991, 88.4300

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5829, 83.8219, 90.5820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7747, 84.3991, 88.4300 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, 237, 232) looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 232)  
}
```

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, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 232) }
```

Border

The CSS property to change the border of an element to XYZ 79.7747, 84.3991, 88.4300 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, 237, 232) }
```


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

```
.border{ border-color:rgb(237, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7747, 84.3991, 88.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 232) }
```

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

```
.background{ background-color: rgb(237,  
237, 232) }
```

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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