

Converting Colors

XYZ(79.6339, 83.2960, 87.8793)

Have a look what the booklet for
XYZ(79.6339, 83.2960, 87.8793)
contains.

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Color

**XYZ(79.8704, 83.5936,
88.2695)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEBE8
RGB	239, 235, 232
RGB Percent	94%, 92%, 91%
CMY	0.0627, 0.0784, 0.0902
CMYK	0.00, 0.02, 0.03, 0.06
HSL	26°, 18%, 92%
HSV	26°, 3%, 94%
XYZ	79.8704, 83.5936, 88.2695
YIQ	235.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

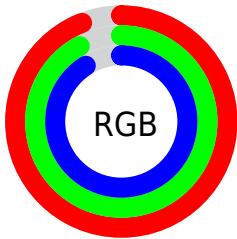
Format	Color
R _Y B	239, 237, 232
Decimal	15723496
CIE Lab	93.27, 0.82, 1.92
CIE LCh	93, 2.086, 66.763
Yxy	83.5936, 0.3173, 0.3321
Android (android.graphics.Color)	4293913576 (0xFFEFEBE8)
YUV	235.8540, -1.9000, 2.7590
Hunter-Lab	91.4295, -4.0689, 6.7599

Details

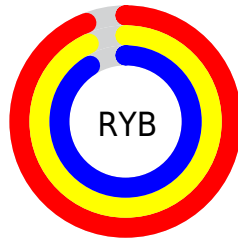
The XYZ color **79.8704, 83.5936, 88.2695** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8541, 83.3774, 93.5997**, and the grayscale version is **79.6314, 83.7785, 91.2348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4850, 45.4421, 47.5536** is the 20% darker color. If you saturate the color by 10%, you get **72.9472, 74.8149, 70.3360**, and if you desaturate by 10%, it is **87.4141, 93.1051, 107.9716**.

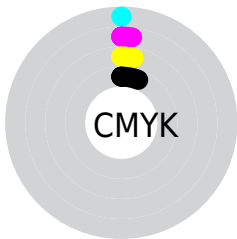
Distribution



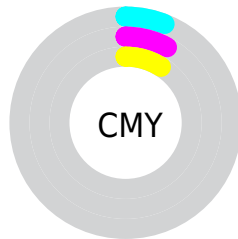
- Red (94%)
- Green (92%)
- Blue (91%)



- Red (94%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8704, 83.5936, 88.2695 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 79.8704, 83.5936, 88.2695 by changing the saturation by 10% instead.

■ 79.8704, 83.5936,
88.2695

■ 79.8704, 83.5936,
88.2695

483.2392,
506.9627, 542.8095

■ 59.9198, 62.6800,
65.9807

132.1350,
138.4065, 146.8467

■ 43.6032, 45.5823,
47.8003

165.1797,
173.0746, 183.9722

■ 30.5553, 31.9164,
33.3099

203.3198,
213.0963, 226.8804

■ 20.4106, 21.2976,
22.0909

246.9207,
258.8560, 275.9897

■ 12.8038, 13.3417,
13.7248

296.3477,
310.7381, 331.7187

■ 7.3697, 7.6643,
7.7929

351.9663,

■ 3.7427, 3.8809,

369.1270, 394.4860

3.8769

414.1416,
434.4071, 464.7101

■ 1.5576, 1.6072,
1.5580

■ 0.3646, 0.3624,
0.2606

■ 79.8704, 83.5936,
88.2695

■ 79.8704, 83.5936,
88.2695

■ 72.9472, 74.8149,
70.3360

■ 87.4141, 93.1051,
107.9716

■ 66.7577, 66.7957,
54.8325

■ 89.4070, 97.0909,
108.6359

■ 61.2778, 59.5179,
41.6545

■ 56.4789, 52.9586,
30.6876

■ 52.3305, 47.0936,
21.8078

■ 48.7994, 41.8973,
14.8785

■ 45.8488, 37.3418,
9.7469

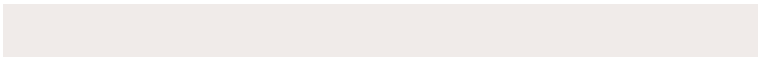
■ 43.4374, 33.3969,
6.2365

■ 41.5162, 30.0287,
4.1342

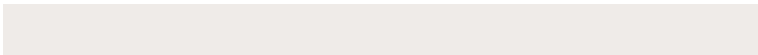
Harmonies

Analogous

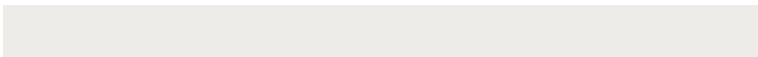
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3019, 83.5936, 89.2218



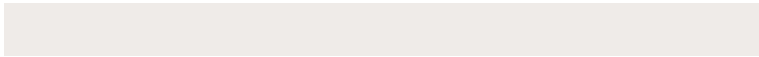
79.8704, 83.5936, 88.2695



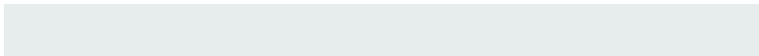
79.3290, 83.5936, 88.0500

Triad

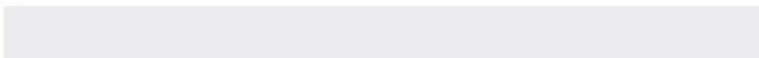
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8704, 83.5936, 88.2695



78.4096, 83.5936, 91.3757



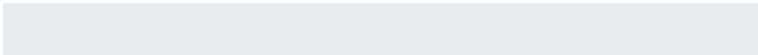
80.0867, 83.5936, 93.4626

Complementary

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



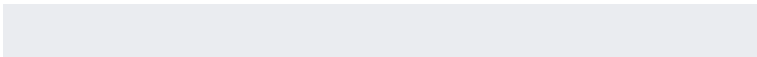
79.8704, 83.5936, 88.2695



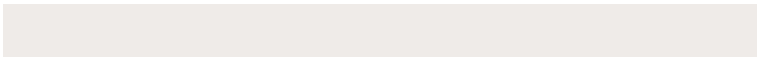
78.8541, 83.3774, 93.5997

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.



79.5776, 83.5936, 94.0544



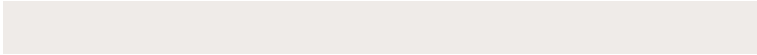
79.8704, 83.5936, 88.2695



78.6106, 83.5936, 92.8406

Square

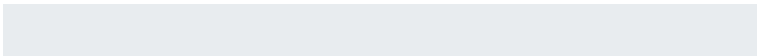
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



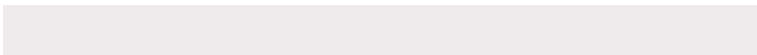
79.8704, 83.5936, 88.2695



78.4872, 83.5936, 89.8317



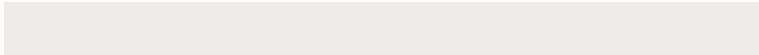
79.0375, 83.5936, 93.8255



80.4271, 83.5936, 92.2172

Rectangle

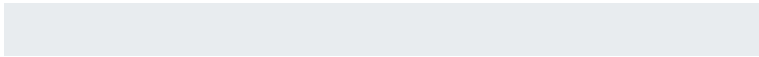
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



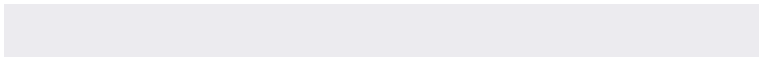
79.8704, 83.5936, 88.2695



78.9788, 83.5936, 88.3465



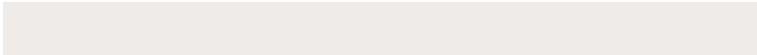
79.0375, 83.5936, 93.8255



79.9295, 83.5936, 93.7453

Sweetspot

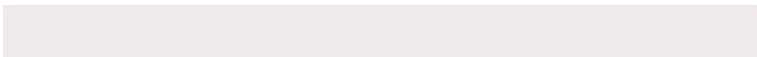
The Sweet Spot groups the original color and five complimentary colors.



79.8728, 83.5972, 88.2713



94.1795, 98.9116, 106.5979



79.6068, 82.1262, 91.0777



20.1675, 21.1827, 22.8406



0.0000, 0.0000, 0.0000



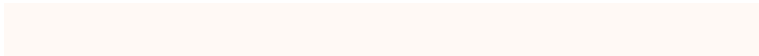
20.3446, 21.4041, 23.3091

Same Dimension

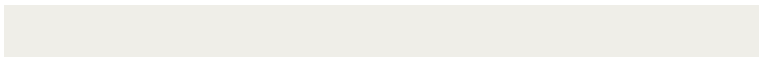
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8728, 83.5972, 88.2713



91.6215, 95.7016, 99.8695



80.8591, 85.5700, 88.6001



17.0491, 17.7840, 18.4112



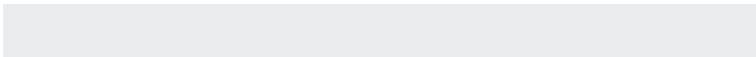
22.4529, 15.7039, 1.8478



1.9647, 1.5001, 0.1860

Inverse Universe

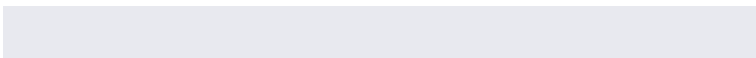
The Inverse Universe completely reimagines the original color for something new.



78.8541, 83.3774, 93.5997



90.0158, 95.3551, 108.2688



77.8810, 81.4313, 93.2754



16.6957, 17.7078, 20.2596



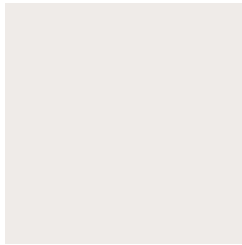
13.6413, 13.5067, 47.0160



1.2334, 1.3208, 3.9441

Previews

White Background



This preview shows how the XYZ color 79.8704, 83.5936, 88.2695 looks on a white background.

Color Contrast Check

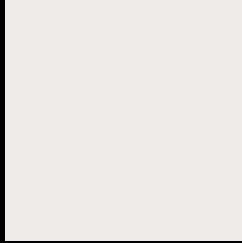
Large Text (above 18pt) WCAG AA × Fail

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 79.8704, 83.5936, 88.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

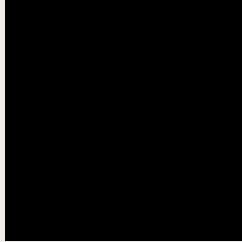
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

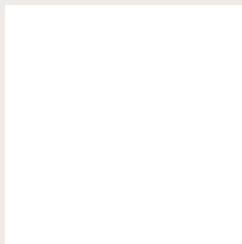
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8704, 83.5936, 88.2695

Background



This preview shows how black text looks on a background with the XYZ color 79.8704, 83.5936, 88.2695.



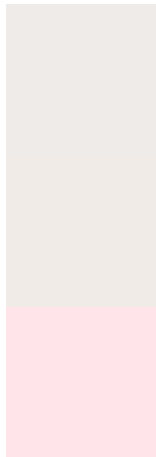
This preview shows how white text looks on a background with the XYZ color 79.8704, 83.5936,

88.2695.

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

79.8704, 83.5936, 88.2695

Protanopia

80.5494, 83.9436, 88.3013

Deuteranopia

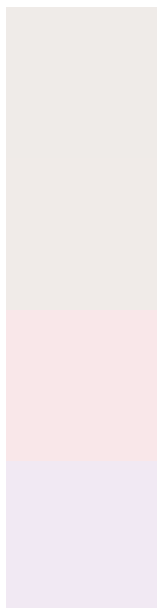
84.1106, 83.2391, 89.4756



Tritanopia

82.7299, 83.4926, 102.1978

Trichromacy



Original Color

79.8704, 83.5936, 88.2695

Protanomaly

80.2090, 83.7681, 88.2853

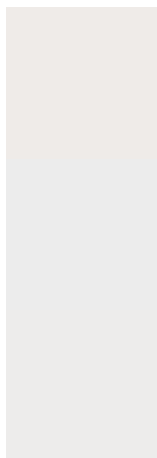
Deuteranomaly

82.3508, 83.1748, 88.8048

Tritanomaly

81.5922, 83.4497, 96.6010

Monochromacy



Original Color

79.8704, 83.5936, 88.2695

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9159, 83.9936, 90.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8704, 83.5936, 88.2695 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(239, 235, 232) looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 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(239, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 232) }
```

Border

The CSS property to change the border of an element to XYZ 79.8704, 83.5936, 88.2695 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(239, 235, 232) }
```


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

```
.border{ border-color:rgb(239, 235, 232) }
```

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

Here you see how a box with a 4 pixel rgb(239, 235, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8704, 83.5936, 88.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 235, 232) }
```

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

```
.background{ background-color: rgb(239,  
235, 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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