

Converting Colors

XYZ(79.3640, 83.4095, 88.0701)

Have a look what the booklet for
XYZ(79.3640, 83.4095, 88.0701)
contains.

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Color

**XYZ(79.1989, 83.2474,
88.2381)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDEBE8 |
| RGB | 237, 235, 232 |
| RGB Percent | 93%, 92%, 91% |
| CMY | 0.0706, 0.0784, 0.0902 |
| CMYK | 0.00, 0.01, 0.02, 0.07 |
| HSL | 36°, 12%, 92% |
| HSV | 36°, 2%, 93% |
| XYZ | 79.1989, 83.2474, 88.2381 |
| YIQ | 235.2560, 2.1550, -0.5090 |

Conversions

Conversions Part 2

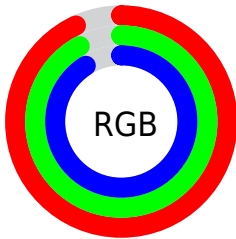
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 235, 237, 232 |
| Decimal | 15592424 |
| CIE Lab | 93.12, 0.15, 1.68 |
| CIE LCh | 93, 1.685, 84.959 |
| Yxy | 83.2474, 0.3159, 0.3321 |
| Android (android.graphics.Color) | 4293782504 (0xFFEDEBE8) |
| YUV | 235.2560, -1.6052, 1.5295 |
| Hunter-Lab | 91.2400, -4.7270, 6.5287 |

Details

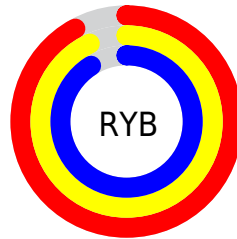
The XYZ color **79.1989, 83.2474, 88.2381** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9877, 82.1148, 91.8613**, and the grayscale version is **79.1734, 83.2965, 90.7099**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0126, 45.1985, 47.5315** is the 20% darker color. If you saturate the color by 10%, you get **73.4207, 76.7193, 70.8078**, and if you desaturate by 10%, it is **85.4667, 90.2071, 107.5149**.

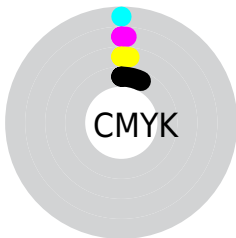
Distribution



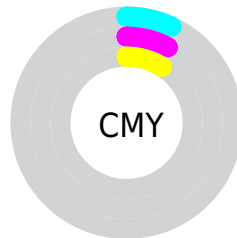
- Red (93%)
- Green (92%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1989, 83.2474, 88.2381 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 79.1989, 83.2474, 88.2381 by changing the saturation by 10% instead.

■ 79.1989, 83.2474,
88.2381

■ 79.1989, 83.2474,
88.2381

481.0067,
505.8107, 542.7041

■ 59.3656, 62.3943,
65.9548

131.1953,
137.9219, 146.8027

■ 43.1550, 45.3514,
47.7795

164.0890,
172.5121, 183.9210

■ 30.2018, 31.7343,
33.2935

202.0670,
212.4500, 226.8214

■ 20.1406, 21.1586,
22.0784

245.4944,
258.1202, 275.9225

■ 12.6062, 13.2400,
13.7157

294.7368,
309.9069, 331.6428

■ 7.2330, 7.5940,
7.7867

350.1594,

■ 3.6559, 3.8363,

368.1947, 394.4008

3.8730

412.1276,
433.3678, 464.6151

■ 1.5094, 1.5824,
1.5559

■ 0.3322, 0.3457,
0.2591

■ 79.1989, 83.2474,
88.2381

■ 79.1989, 83.2474,
88.2381

■ 73.4207, 76.7193,
70.8078

■ 85.4667, 90.2071,
107.5149

■ 68.2180, 70.6458,
55.7192

■ 88.3942, 96.0620,
108.4907

■ 63.5717, 65.0181,
42.8717

■ 88.7356, 96.7448,
108.6045

■ 59.4587, 59.8233,
32.1559

■ 55.8542, 55.0478,
23.4525

■ 52.7311, 50.6767,
16.6308

■ 50.0592, 46.6939,
11.5443

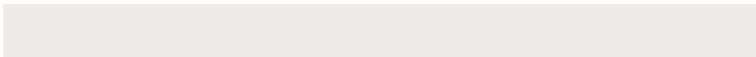
■ 47.8040, 43.0815,
8.0243

■ 45.9246, 39.8188,
5.8681

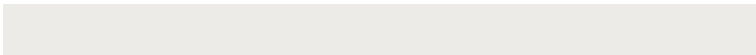
Harmonies

Analogous

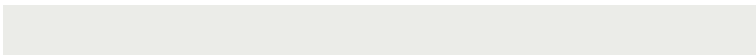
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6134, 83.2474, 88.6631



79.1989, 83.2474, 88.2381



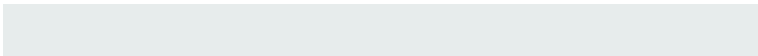
78.7659, 83.2474, 88.4524

Triad

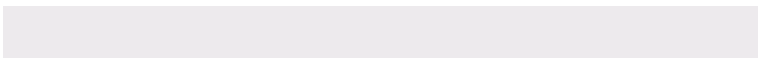
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1989, 83.2474, 88.2381



78.3558, 83.2474, 91.6737



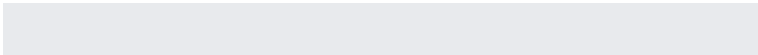
79.8224, 83.2474, 92.0477

Complementary

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



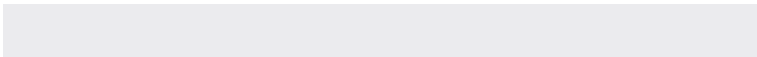
79.1989, 83.2474, 88.2381



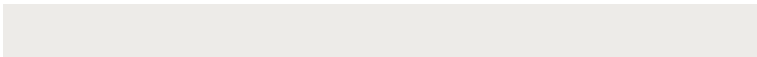
77.9877, 82.1148, 91.8613

Split Complementary

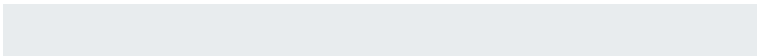
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4835, 83.2474, 92.8680



79.1989, 83.2474, 88.2381



78.6370, 83.2474, 92.6507

Square

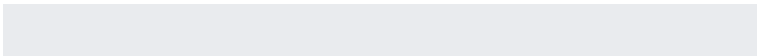
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



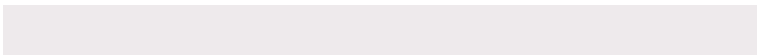
79.1989, 83.2474, 88.2381



78.2802, 83.2474, 90.4284



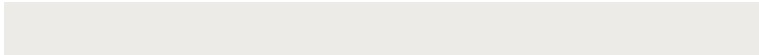
79.0495, 83.2474, 93.0897



79.9742, 83.2474, 90.8564

Rectangle

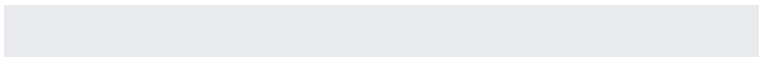
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



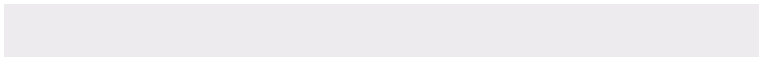
79.1989, 83.2474, 88.2381



78.5249, 83.2474, 88.9300



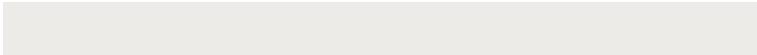
79.0495, 83.2474, 93.0897



79.7265, 83.2474, 92.3764

Sweetspot

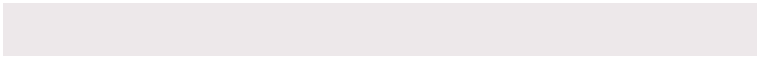
The Sweet Spot groups the original color and five complimentary colors.



79.2012, 83.2510, 88.2399



94.3182, 99.1891, 106.6441



78.6342, 81.6596, 89.4605



20.1957, 21.2391, 22.8500



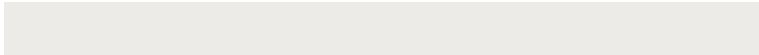
0.0000, 0.0000, 0.0000



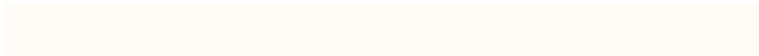
20.3446, 21.4041, 23.3091

Same Dimension

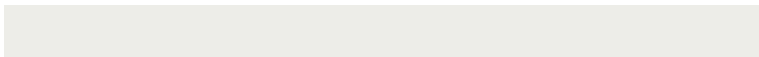
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2012, 83.2510, 88.2399



92.8761, 97.5841, 102.2196



79.6092, 84.3144, 88.4237



16.5146, 17.3453, 17.9849



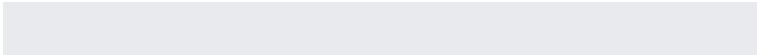
24.5128, 20.7199, 2.7074



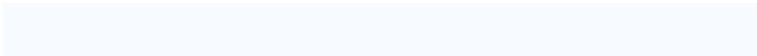
2.0185, 1.8143, 0.2438

Inverse Universe

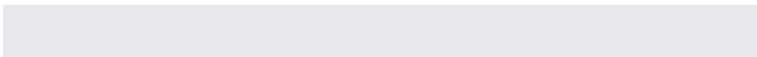
The Inverse Universe completely reimagines the original color for something new.



77.9877, 82.1148, 91.8613



90.8425, 95.6803, 108.2880



77.5852, 81.0686, 91.6805



16.0600, 16.9196, 19.3416



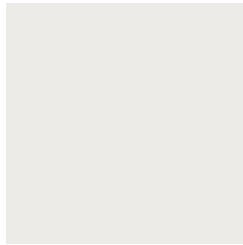
10.6806, 8.0082, 44.7258



0.9305, 0.8124, 3.5426

Previews

White Background



This preview shows how the XYZ color 79.1989, 83.2474, 88.2381 looks on a white background.

Color Contrast Check

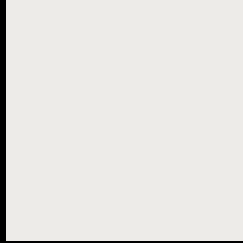
Large Text (above 18pt) WCAG AA × Fail

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 79.1989, 83.2474, 88.2381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

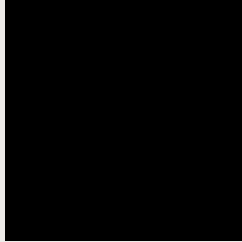
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

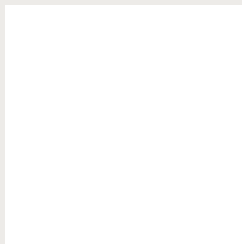
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1989, 83.2474, 88.2381

Background



This preview shows how black text looks on a background with the XYZ color 79.1989, 83.2474, 88.2381.



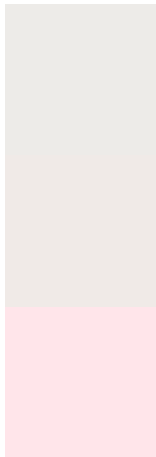
This preview shows how white text looks on a background with the XYZ color 79.1989, 83.2474,

88.2381.

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

79.1989, 83.2474, 88.2381

Protanopia

79.7818, 83.1404, 87.4441

Deuteranopia

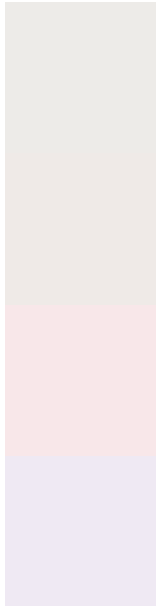
84.1106, 83.2391, 89.4756



Tritanopia

82.0471, 83.1406, 102.1659

Trichromacy



Original Color

79.1989, 83.2474, 88.2381

Protanomaly

79.4432, 82.9659, 87.4282

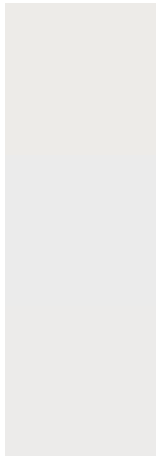
Deuteranomaly

81.9953, 82.9915, 88.7881

Tritanomaly

80.9132, 83.0996, 96.5693

Monochromacy



Original Color

79.1989, 83.2474, 88.2381

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 79.1989, 83.2474, 88.2381 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, 232) looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 232) }
```

Border

The CSS property to change the border of an element to XYZ 79.1989, 83.2474, 88.2381 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, 232) }
```


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

```
.border{ border-color:rgb(237, 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(237, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1989, 83.2474, 88.2381 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, 232) }
```

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

```
.background{ background-color: rgb(237,  
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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