

Converting Colors

XYZ(79.5370, 82.9665, 89.6670)

Have a look what the booklet for
XYZ(79.5370, 82.9665, 89.6670)
contains.

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Color

**XYZ(79.5340, 82.9633,
89.6635)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEEA
RGB	238, 234, 234
RGB Percent	93%, 92%, 92%
CMY	0.0667, 0.0823, 0.0823
CMYK	0.00, 0.02, 0.02, 0.07
HSL	0°, 11%, 93%
HSV	0°, 2%, 93%
XYZ	79.5340, 82.9633, 89.6635
YIQ	235.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

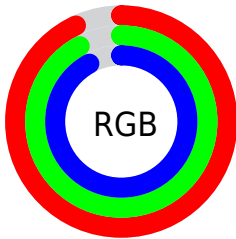
Format	Color
R _Y B	238, 234, 234
Decimal	15657706
CIE Lab	93.00, 1.35, 0.47
CIE LCh	93, 1.425, 19.068
Yxy	82.9633, 0.3154, 0.3290
Android (android.graphics.Color)	4293847786 (0xFFEEEEAEA)
YUV	235.1960, -0.5896, 2.4591
Hunter-Lab	91.0842, -3.5325, 5.3937

Details

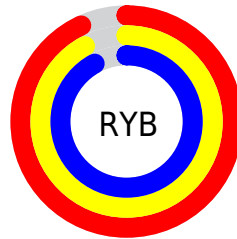
The XYZ color **79.5340, 82.9633, 89.6635** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.9388, 84.8134, 93.0475**, and the grayscale version is **79.1200, 83.2404, 90.6488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2477, 45.0002, 48.5260** is the 20% darker color. If you saturate the color by 10%, you get **70.0218, 69.0474, 70.7414**, and if you desaturate by 10%, it is **89.0704, 96.9174, 108.6202**.

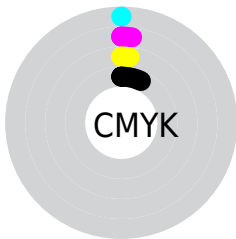
Distribution



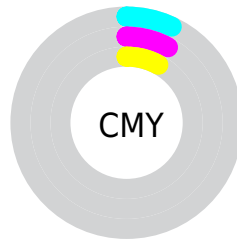
- Red (93%)
- Green (92%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5340, 82.9633, 89.6635 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 79.5340, 82.9633, 89.6635 by changing the saturation by 10% instead.

79.5340, 82.9633,
89.6635

79.5340, 82.9633,
89.6635

482.1215,
504.8642, 547.4775

59.6421, 62.1599,
67.1294

131.6643,
137.5241, 148.8023

43.3786, 45.1619,
48.7276

164.6335,
172.0502, 186.2442

30.3781, 31.5850,
34.0393

202.6924,
211.9193, 229.4924

20.2752, 21.0447,
22.6462

246.2065,
257.5159, 278.9655

12.7047, 13.1567,
14.1297

295.5411,
309.2243, 335.0820

7.3011, 7.5365,
8.0711

351.0616,

3.6991, 3.7998,

367.4288, 398.2604

4.0521

413.1332,
432.5140, 468.9194

■ 1.5334, 1.5622,
1.6540

■ 0.3484, 0.3319,
0.3289

■ 79.5340, 82.9633,
89.6635

■ 79.5340, 82.9633,
89.6635

■ 70.0218, 69.0474,
70.7414

■ 89.0704, 96.9174,
108.6202

■ 61.8208, 57.0491,
54.4316

■ 54.8757, 46.8877,
40.6212

■ 49.1245, 38.4726,
29.1867

■ 44.5001, 31.7055,
19.9943

■ 40.9285, 26.4784,
12.8967

■ 38.3271, 22.6705,
7.7292

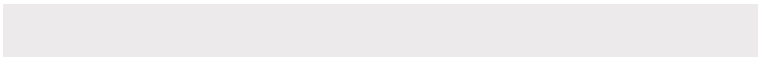
■ 36.6007, 20.1427,
4.3025

■ 35.6355, 18.7283,
2.3893

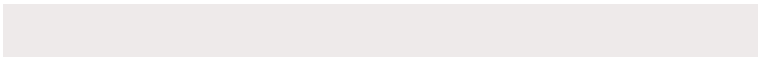
Harmonies

Analogous

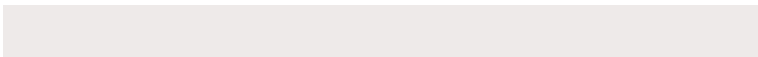
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5605, 82.9633, 90.7231



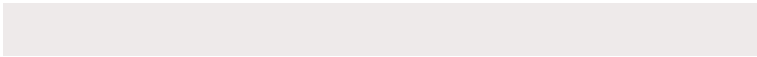
79.5340, 82.9633, 89.6635



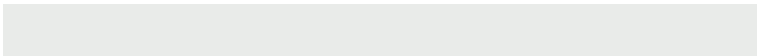
79.3250, 82.9633, 88.7899

Triad

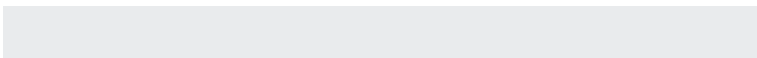
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5340, 82.9633, 89.6635



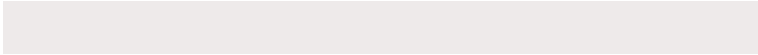
78.3135, 82.9633, 88.9937



78.7182, 82.9633, 92.3649

Complementary

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



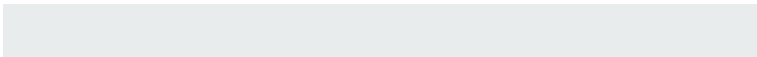
79.5340, 82.9633, 89.6635



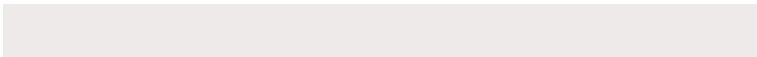
79.9388, 84.8134, 93.0475

Split Complementary

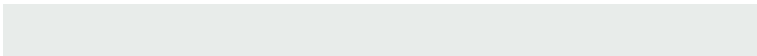
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3851, 82.9633, 91.8938



79.5340, 82.9633, 89.6635



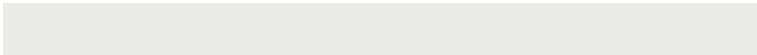
78.1520, 82.9633, 89.9439

Square

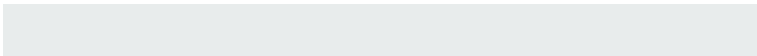
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5340, 82.9633, 89.6635



78.6200, 82.9633, 88.4053



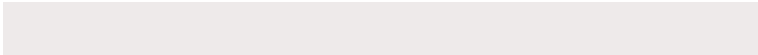
78.1781, 82.9633, 91.0057



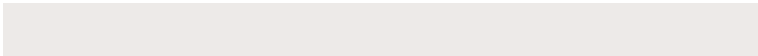
79.0887, 82.9633, 92.2884

Rectangle

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



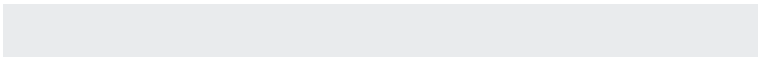
79.5340, 82.9633, 89.6635



79.1107, 82.9633, 88.4278



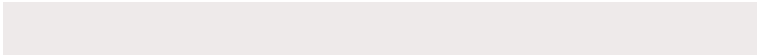
78.1781, 82.9633, 91.0057



78.5981, 82.9633, 92.2652

Sweetspot

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



79.5363, 82.9669, 89.6653



93.8348, 98.2223, 106.4830



80.1165, 83.1971, 92.7261



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



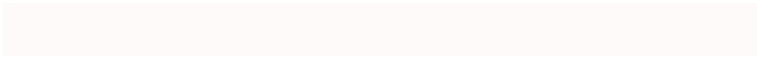
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5363, 82.9669, 89.6653



92.6358, 96.4682, 104.0981



80.1078, 84.1098, 89.8558



17.3770, 18.1064, 19.5486



19.6735, 10.1451, 0.9213



1.6371, 0.8449, 0.0768

Inverse Universe

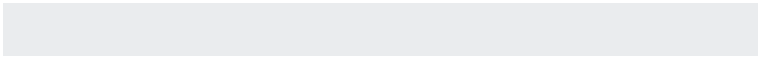
The Inverse Universe completely reimagines the original color for something new.



79.9388, 84.8134, 93.0475



93.1969, 99.0422, 108.8128



79.3609, 83.6576, 92.8548



17.4764, 18.5621, 20.3833



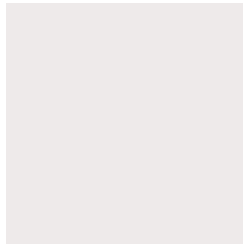
25.6286, 37.4814, 51.0117



2.1325, 3.1190, 4.2438

Previews

White Background



This preview shows how the XYZ color 79.5340, 82.9633, 89.6635 looks on a white background.

Color Contrast Check

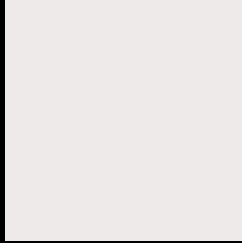
Large Text (above 18pt) WCAG AA × Fail

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 79.5340, 82.9633, 89.6635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

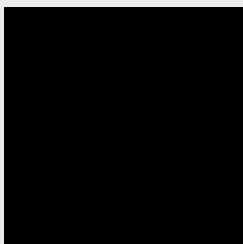
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

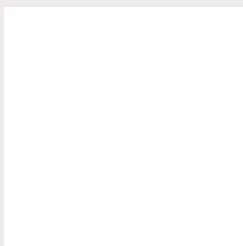
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5340, 82.9633, 89.6635

Background



This preview shows how black text looks on a background with the XYZ color 79.5340, 82.9633, 89.6635.



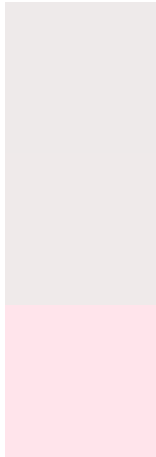
This preview shows how white text looks on a background with the XYZ color 79.5340, 82.9633, 89.6635.

89.6635.

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

79.5340, 82.9633, 89.6635

Protanopia

79.8707, 83.1369, 89.6793

Deuteranopia

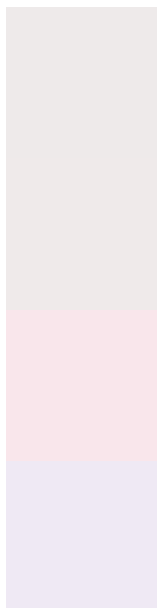
83.9788, 82.7450, 90.1425



Tritanopia

82.0471, 83.1406, 102.1659

Trichromacy



Original Color

79.5340, 82.9633, 89.6635

Protanomaly

79.8707, 83.1369, 89.6793

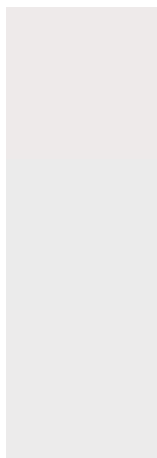
Deuteranomaly

82.3591, 82.7315, 90.2252

Tritanomaly

81.0647, 83.1602, 97.3669

Monochromacy



Original Color

79.5340, 82.9633, 89.6635

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.2958, 83.2477, 90.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5340, 82.9633, 89.6635 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(238, 234, 234) looks like.

```
.text, #text, p{  
    color:rgb(238, 234, 234)  
}
```

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(238, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 234, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.5340, 82.9633, 89.6635 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(238, 234, 234) }
```


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

```
.border{ border-color:rgb(238, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(238, 234,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5340, 82.9633, 89.6635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 234, 234) }
```

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

```
.background{ background-color: rgb(238,  
234, 234) }
```

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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