

Converting Colors

XYZ(81.8354, 85.3408, 94.0408)

Have a look what the booklet for
XYZ(81.8354, 85.3408, 94.0408)
contains.

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Color

**XYZ(81.7994, 85.3256,
93.8196)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EDEF
RGB	240, 237, 239
RGB Percent	94%, 93%, 94%
CMY	0.0588, 0.0706, 0.0627
CMYK	0.00, 0.01, 0.00, 0.06
HSL	320°, 9%, 94%
HSV	320°, 1%, 94%
XYZ	81.7994, 85.3256, 93.8196
YIQ	238.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

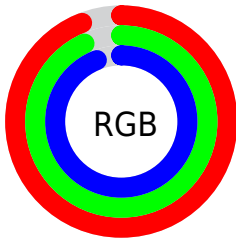
Format	Color
R _Y B	240, 237, 239
Decimal	15789551
CIE Lab	94.02, 1.36, -0.62
CIE LCh	94, 1.495, 335.486
Yxy	85.3256, 0.3135, 0.3270
Android (android.graphics.Color)	4293979631 (0xFFFF0EDEF)
YUV	238.1250, 0.4314, 1.6444
Hunter-Lab	92.3719, -3.5810, 4.4410

Details

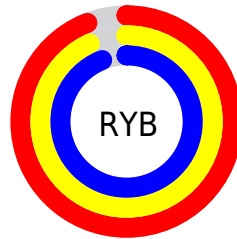
The XYZ color **81.7994, 85.3256, 93.8196** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5210, 86.5001, 93.2928**, and the grayscale version is **81.3630, 85.6003, 93.2187**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8383, 46.6570, 51.4422** is the 20% darker color. If you saturate the color by 10%, you get **74.1539, 71.8858, 85.5617**, and if you desaturate by 10%, it is **88.4862, 96.7617, 102.0189**.

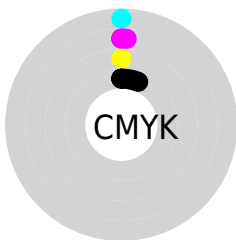
Distribution



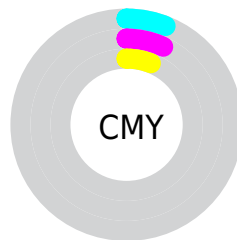
- Red (94%)
- Green (93%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7994, 85.3256, 93.8196 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 81.7994, 85.3256, 93.8196 by changing the saturation by 10% instead.

81.7994, 85.3256,
93.8196

81.7994, 85.3256,
93.8196

489.6211,
512.7048, 561.2666

61.5137, 64.1104,
70.5615

134.8299,
140.8280, 154.6143

44.8940, 46.7401,
51.5048

168.3055,
175.8840, 192.9880

31.5749, 32.8303,
36.2310

206.9085,
216.3225, 237.2373

21.1910, 21.9965,
24.3215

251.0042,
262.5278, 287.7807

13.3769, 13.8543,
15.3579

300.9579,
314.8842, 345.0368

7.7674, 8.0194,
8.9215

357.1351,

3.9970, 4.1074,

373.7763, 409.4242

4.5939

419.9010,
439.5884, 481.3612

■ 1.7004, 1.7338,
1.9565

■ 0.4565, 0.4454,
0.5283

■ 81.7994, 85.3256,
93.8196

■ 81.7994, 85.3256,
93.8196

■ 74.1539, 71.8858,
85.5617

■ 88.4862, 96.7617,
102.0189

■ 67.4511, 60.2497,
77.8724

■ 89.7458, 97.2656,
108.6518

■ 61.6537, 50.3424,
70.7371

■ 56.7188, 42.0797,
64.1379

■ 52.6004, 35.3704,
58.0561

■ 49.2476, 30.1139,
52.4711

■ 46.6038, 26.1982,
47.3603

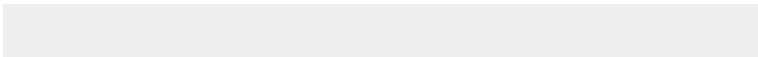
■ 44.6039, 23.4945,
42.6982

■ 43.1703, 21.8486,
38.4552

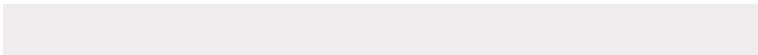
Harmonies

Analogous

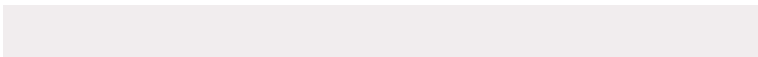
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5456, 85.3256, 94.7055



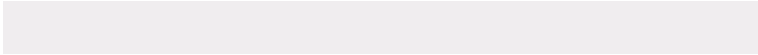
81.7994, 85.3256, 93.8196



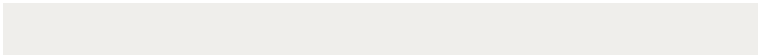
81.8654, 85.3256, 92.6952

Triad

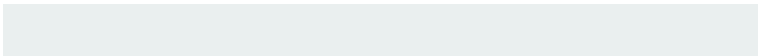
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7994, 85.3256, 93.8196



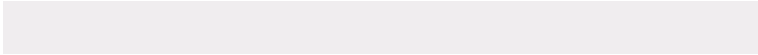
81.0261, 85.3256, 90.7353



80.4764, 85.3256, 94.1863

Complementary

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



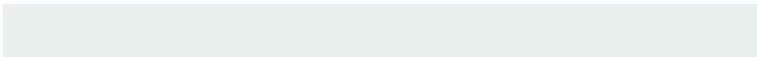
81.7994, 85.3256, 93.8196



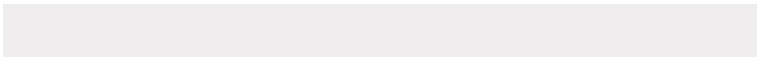
81.5210, 86.5001, 93.2928

Split Complementary

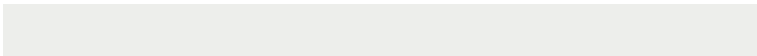
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3382, 85.3256, 93.1153



81.7994, 85.3256, 93.8196



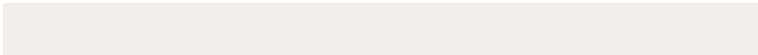
80.6549, 85.3256, 91.1276

Square

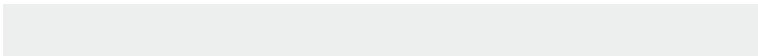
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7994, 85.3256, 93.8196



81.4181, 85.3256, 90.9204



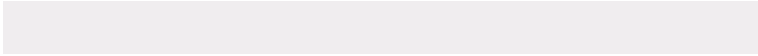
80.4035, 85.3256, 91.9965



80.7816, 85.3256, 94.9184

Rectangle

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



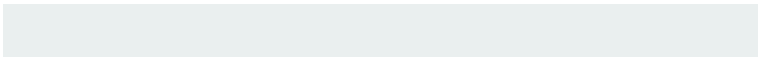
81.7994, 85.3256, 93.8196



81.7939, 85.3256, 91.9629



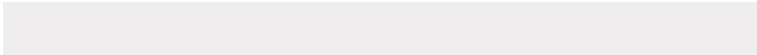
80.4035, 85.3256, 91.9965



80.4089, 85.3256, 93.8536

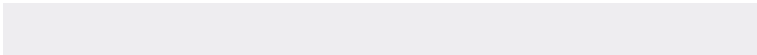
Sweetspot

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



81.8018, 85.3293, 93.8215

95.0500, 100.0000, 108.9000



81.2756, 85.0409, 94.5703



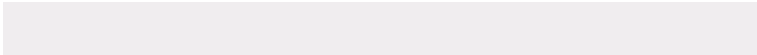
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



81.8018, 85.3293, 93.8215



94.1051, 98.3291, 107.9105



81.5815, 85.2412, 92.6615



17.6372, 18.4359, 20.2237



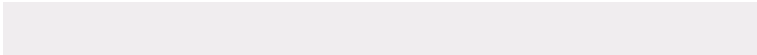
23.2041, 11.5541, 19.5232



1.9763, 0.9796, 1.8662

Inverse Universe

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



81.8018, 85.3293, 93.8215



94.1051, 98.3291, 107.9105



81.7419, 86.5884, 94.4560



17.6372, 18.4359, 20.2237



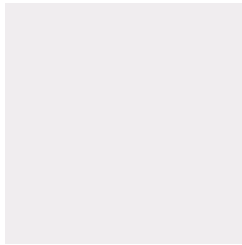
23.2041, 11.5541, 19.5232



1.9763, 0.9796, 1.8662

Previews

White Background



This preview shows how the XYZ color 81.7994, 85.3256, 93.8196 looks on a white background.

Color Contrast Check

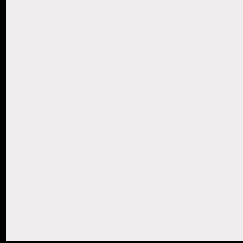
Large Text (above 18pt) WCAG AA × Fail

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 81.7994, 85.3256, 93.8196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

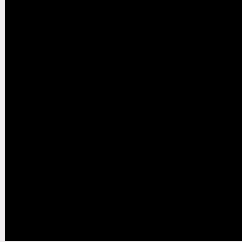
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

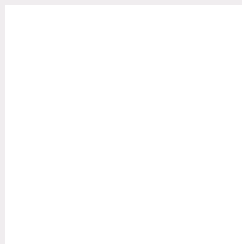
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7994, 85.3256, 93.8196

Background



This preview shows how black text looks on a background with the XYZ color 81.7994, 85.3256, 93.8196.



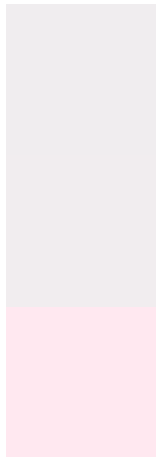
This preview shows how white text looks on a background with the XYZ color 81.7994, 85.3256,

93.8 96.

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

81.7994, 85.3256, 93.8196

Protanopia

82.1398, 85.5011, 93.8355

Deuteranopia

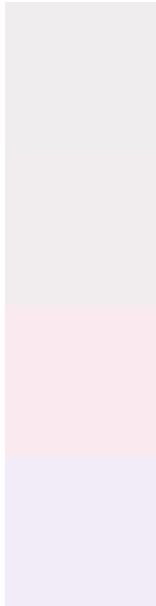
85.8248, 85.2645, 94.3723



Tritanopia

84.0559, 85.3858, 104.9794

Trichromacy



Original Color

81.7994, 85.3256, 93.8196

Protanomaly

82.1398, 85.5011, 93.8355

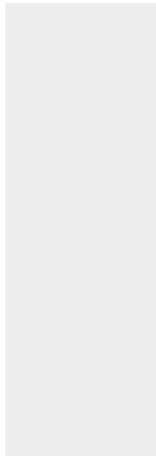
Deuteranomaly

84.5753, 85.4609, 94.4761

Tritanomaly

83.2144, 85.4690, 100.9182

Monochromacy



Original Color

81.7994, 85.3256, 93.8196

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.6038, 85.6728, 93.1245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7994, 85.3256, 93.8196 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(240, 237, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 237, 239)  
}
```

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(240, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 237, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.7994, 85.3256, 93.8196 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(240, 237, 239) }
```

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

```
.border{ border-color:rgb(240, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 237,  
239) }
```


Background

The CSS property to change the background color of an element to XYZ 81.7994, 85.3256, 93.8196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 237, 239) }
```

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

```
.background{ background-color: rgb(240,  
237, 239) }
```

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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